



Fusol Material Co., LTD.

齊智科技股份有限公司
FUSOL MATERIAL CO., LTD.

離子液體

Ionic liquid

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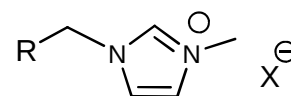
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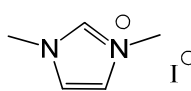
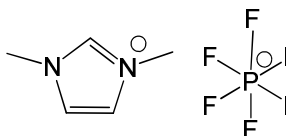
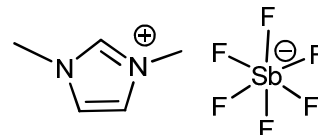
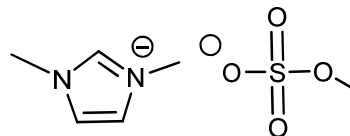
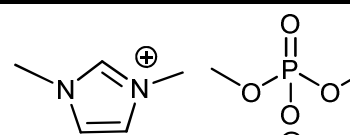
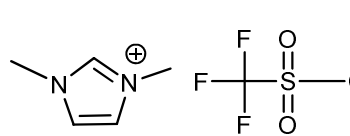
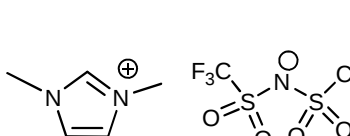
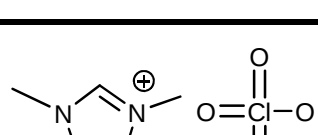
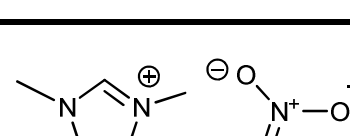
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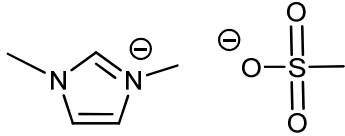
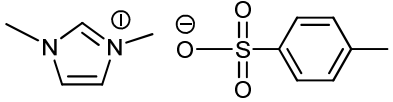
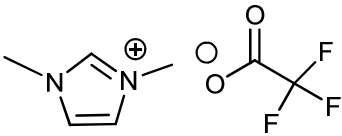
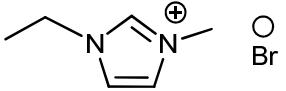
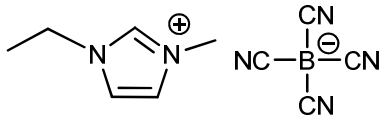
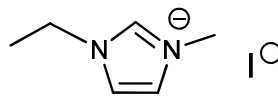
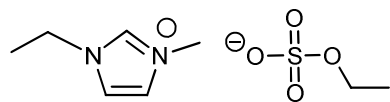
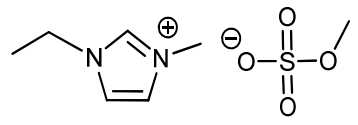
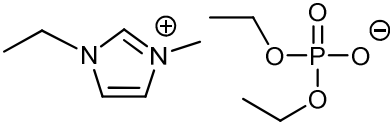
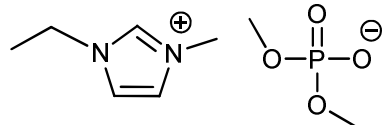
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I -1. 1,3-Disubstituent Imidazolium Ionic Liquids

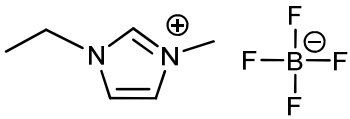
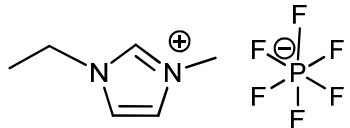
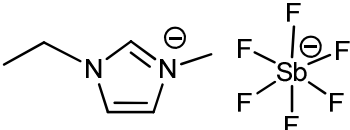
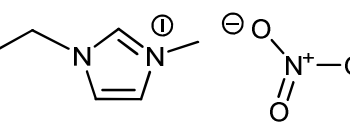
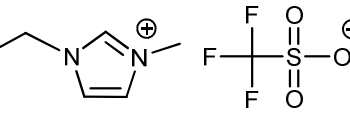
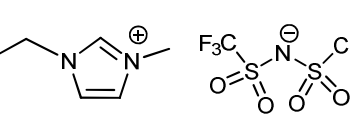
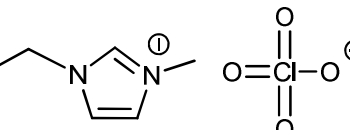
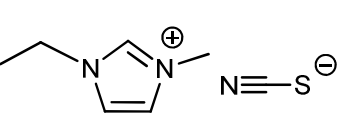
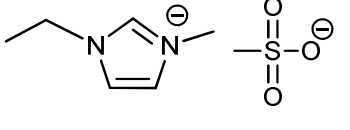
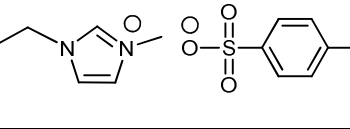


IL-001	1,3-Dimethylimidazolium iodide [Mmim][I]	
	CAS: 4333-62-4 MW: 224 g/mol mp: -	
IL-002	1,3-Dimethylimidazolium hexafluorophosphate [Mmim][PF₆]	
	CAS: 243664-15-5 MW: 242 g/mol mp: -	
IL-003	1,3-Dimethylimidazolium hexafluorantimonate [Mmim][SbF₆]	
	CAS: 885624-41-9 MW: 333 g/mol mp: -	
IL-004	1,3-Dimethylimidazolium methylsulfate [Mmim][MSU]	
	CAS: 97345-90-9 MW: 208 g/mol mp: 45°C	
IL-005	1,3-Dimethylimidazolium dimethylphosphate [Mmim][DMP]	
	CAS: 654058-04-5 MW: 222 g/mol mp: - d 1.277	
IL-006	1,3-Dimethylimidazolium trifluoromethanesulfonate [Mmim][OTF]	
	CAS: 121091-30-3 MW: 246 g/mol mp: -	
IL-007	1,3-Dimethylimidazolium bis(trifluoromethylsulfonyl)imide [Mmim][NTF]	
	CAS: 174899-81-1 MW: 377 g/mol mp: -	
IL-008	1,3-Dimethylimidazolium perchlorate [Mmim][ClO₄]	
	CAS: 77381-68-1 MW: 196 g/mol mp: -	
IL-009	1,3-Dimethylimidazolium nitrate [Mmim][NO₃]	
	CAS: 941584-21-0 MW: 159 g/mol mp: -	

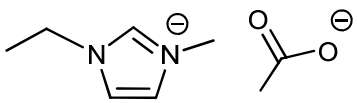
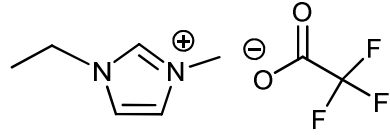
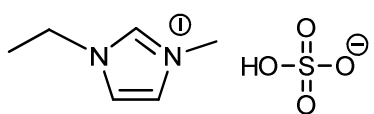
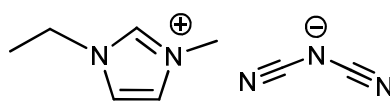
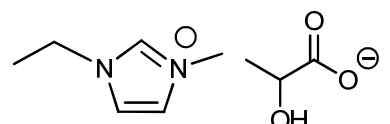
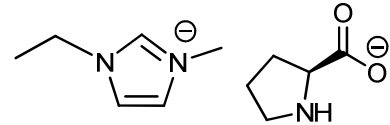
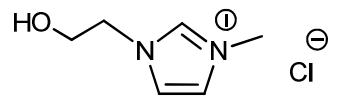
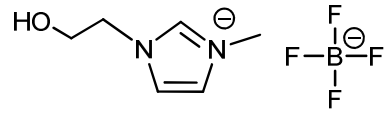
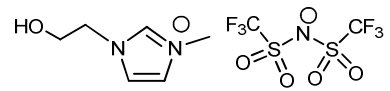
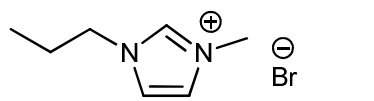


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	CAS: 521304-36-9 MW: 192 g/mol mp: -	
IL-011	1,3-Dimethylimidazolium p-toluenesulfonate [Mmim][TOS]	
	CAS: 54722-21-3 MW: 268 g/mol mp: -	
IL-012	1,3-Dimethylimidazolium trifluoroacetate [Mmim][ATF]	
	CAS: 174899-93-5 MW: 210 g/mol mp: -	
IL-013	1-Ethyl-3-methyl-imidazolium bromide [Emim][Br]	
	CAS: 65039-08-9 MW: 191g/mol mp: 65°C	
IL-014	1-Ethyl-3-methylimidazolium tetracyanoborate [Emim][TCB]	
	CAS: 742099-80-5 MW: 226 g/mol mp: 13 °C	
IL-015	1-Ethyl-3-methylimidazolium iodide [Emim][I]	
	CAS: 35935-34-3 MW: 238 g/mol mp: 79 °C	
IL-016	1-Ethyl-3-methylimidazolium ethylsulfate [Emim][ESU]	
	CAS: 342573-75-5 MW: 236 g/mol mp: -65°C d 1.240	
IL-017	1-Ethyl-3-methylimidazolium methylsulfate [Emim][MSU]	
	CAS: 516474-01-4 MW: 222 g/mol mp: <-50°C	
IL-018	1-Ethyl-3-methylimidazolium diethylphosphate [Emim][DEP]	
	CAS: 848641-69-0 MW: 264 g/mol mp: 19 - 21 °C d 1.1572	
IL-019	1-Ethyl-3-methylimidazolium dimethylphosphate [Emim][DMP]	
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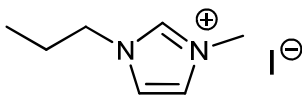
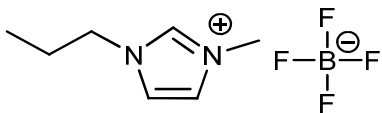
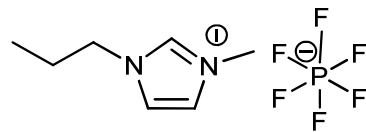
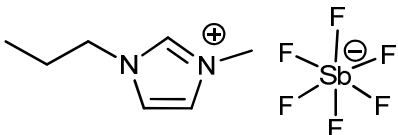
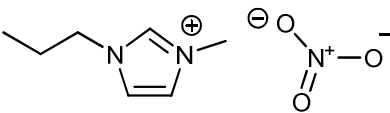
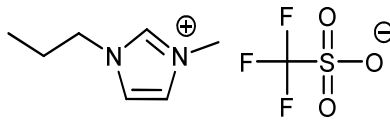
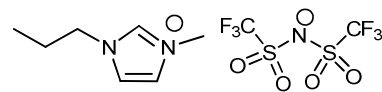
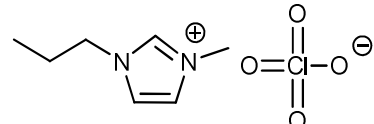
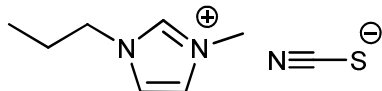
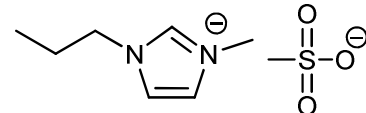


IL-020	1-Ethyl-3-methylimidazolium tetrafluoroborate [Emim][BF₄]	
	CAS: 143314-16-3 MW: 198 g/mol mp: 14°C d 1.294	
IL-021	1-Ethyl-3-methylimidazolium hexafluorophosphate [Emim][PF₆]	
	CAS: 155371-19-0 MW: 256 g/mol mp: 58-62 °C	
IL-022	1-Ethyl-3-methylimidazolium hexafluoroantimonate [Emim][SbF₆]	
	CAS: 305370-81-4 MW: 256 g/mol mp: -	
IL-023	1-Ethyl-3-methylimidazolium nitrate [Emim][NO₃]	
	CAS: 143314-14-1 MW: 173 g/mol mp: ≥ 40 °C	
IL-024	1-Ethyl-3-methylimidazolium trifluoromethanesulfonate	
	CAS: 145022-44-2 MW: 260 g/mol mp: -12°C d 1.387	
IL-025	1-Ethyl-3-methylimidazolium bis(trifluoromethylsulfonyl)imide [Emim][NTF]	
	CAS: 174899-82-2 MW: 391 g/mol mp: 15 °C d 1.5236	
IL-026	1-Ethyl-3-methylimidazolium perchlorate [Emim][ClO₄]	
	CAS: 65039-04-5 MW: 211 g/mol mp: -	
IL-027	1-Ethyl-3-methylimidazolium sulfocyanate [Emim][SCN]	
	CAS: 331717-63-6 MW: 169g/mol mp: -6 °C d 1.114	
IL-028	1-Ethyl-3-methylimidazolium methanesulfonate [Emim][MSO]	
	CAS: 145022-45-3 MW: 206 g/mol mp: 39°C d 1.247	
IL-029	1-Ethyl-3-methylimidazolium p-toluenesulfonate [Emim][TOS]	
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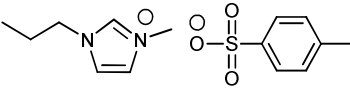
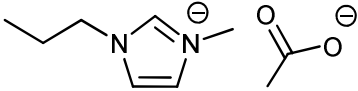
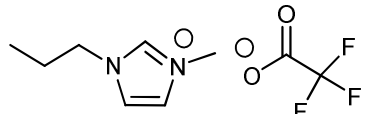
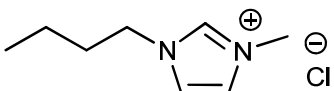
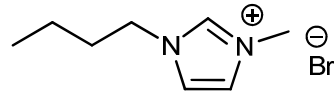
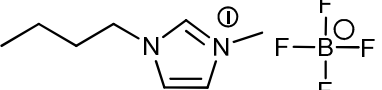
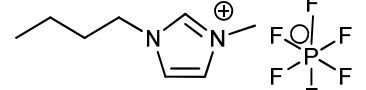
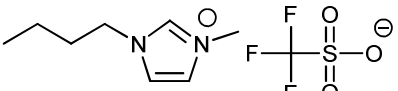
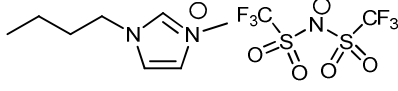
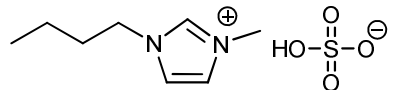


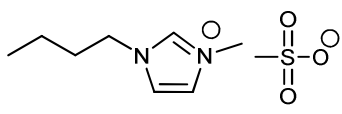
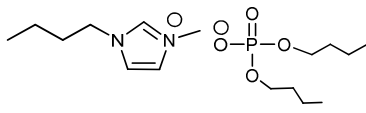
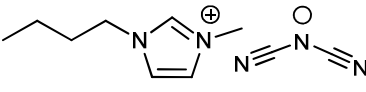
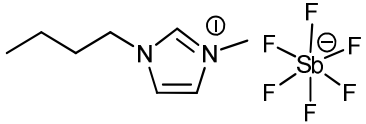
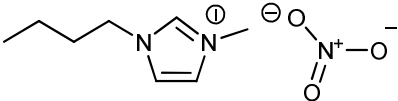
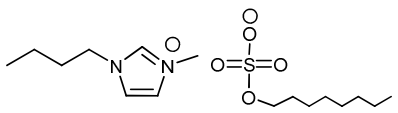
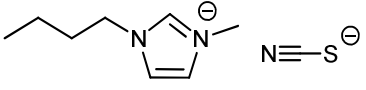
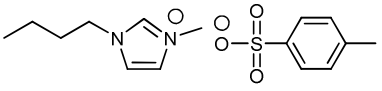
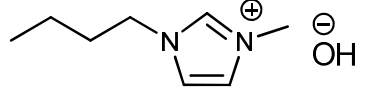
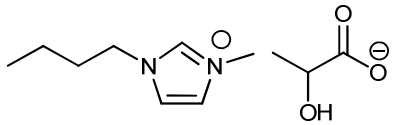
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IL-031	1-Ethyl-3-methylimidazolium trifluoroacetate [Emim][ATF]	
	CAS: 174899-65-1 MW: 274 g/mol mp: <-50°C	
IL-032	1-Ethyl-3-methylimidazolium hydrogen sulfate [Emim][HSO₄]	
	CAS: 674282-83-8 MW: 208 g/mol mp: -	
IL-033	1-Ethyl-3-methylimidazolium dicyanamide [Emim][DCN]	
	CAS: 923019-22-1 MW: 177 g/mol mp: -	
IL-034	1-Ethyl-3-methylimidazolium Lactate [Emim][Lactate]	
	CAS: 888320-07-8 MW: 200.23 g/mol mp: -	
IL-035	1-Ethyl-3-methylimidazolium L-prolinate [Emim][prolinate]	
	CAS: - MW: 225.29 g/mol mp: -	
IL-036	1-Hydroxyethyl-3-methylimidazolium chloride	
	CAS: 61755-34-8 MW: 163 g/mol mp: -	
IL-037	1-Hydroxyethyl-3-methylimidazolium tetrafluoroborate	
	CAS: 374564-83-7 MW: 214 g/mol mp: -	
IL-038	1-Hydroxyethyl-3-methylimidazolium bis(trifluoromethylsulfonyl)imide	
	CAS: 174899-86-6 MW: 407 g/mol mp: -	
IL-039	1-Propyl-3-methylimidazolium bromide [Pmim][Br]	
	CAS: 85100-76-1 MW: 205 g/mol mp: -	



IL-040	1-Propyl-3-methylimidazolium iodide [Pmim][I]	
	CAS: 119171-18-5 MW: 252 g/mol mp: -75°C	
IL-041	1-Propyl-3-methylimidazolium tetrafluoroborate [Pmim][BF₄]	
	CAS: - MW: 212 g/mol mp: -	
IL-042	1-Propyl-3-methylimidazolium hexafluorophosphate [Pmim][PF₆]	
	CAS: 216300-12-8 MW: 270 g/mol mp: -	
IL-043	1-Propyl-3-methylimidazolium hexafluoroantimonate	
	CAS: - MW: 360.94 g/mol mp: -	
IL-044	1-Propyl-3-methylimidazolium nitrate [Pmim][NO₃]	
	CAS: 649745-76-6 MW: 187.20 g/mol mp: -	
IL-045	1-Propyl-3-methylimidazolium trifluoromethanesulfonate [Pmim][OTF]	
	CAS: 1052102-05-2 MW: 274.26 g/mol mp: -	
IL-046	1-Propyl-3-methylimidazolium bis(trifluoromethylsulfonyl)imide [Pmim][NTF]	
	CAS: 216299-72-8 MW: 405.34 g/mol mp: < -20 °C d 1.45	
IL-047	1-Propyl-3-methylimidazolium perchlorate [Pmim][ClO₄]	
	CAS: - MW: 224.64 g/mol mp: -	
IL-048	1-Propyl-3-methylimidazolium thiocyanate [Pmim][SCN]	
	CAS: 847499-73-4 MW: 183.27 g/mol mp: -	
IL-049	1-Propyl-3-methylimidazolium methanesulfonate [Pmim][MSO]	
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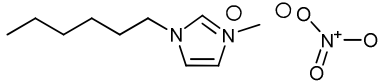
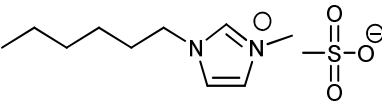
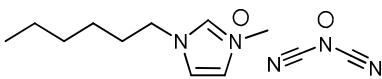
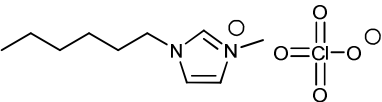
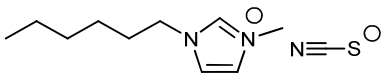
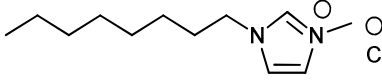
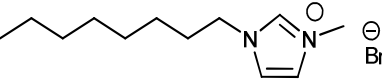
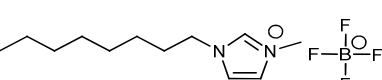
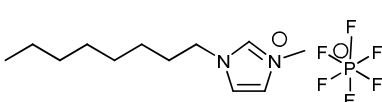
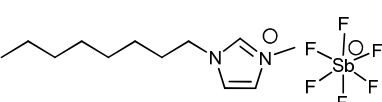
IL-050	1-Propyl-3-methylimidazolium p-toluenesulfonate [Pmim][TOS]	
	CAS: - MW: 296.39 g/mol mp: -	
IL-051	1-Propyl-3-methylimidazolium acetate [Pmim][CH₃COO]	
	CAS: 1005328-08-4 MW: 184.24 g/mol mp: -	
IL-052	1-Propyl-3-methylimidazolium trifluoroacetate [Pmim][ATF]	
	CAS: - MW: 238.21 g/mol mp: -	
IL-053	1-Butyl-3-methylimidazolium chloride [Bmim][Cl]	
	CAS: 79917-90-1 MW: 174.67 g/mol mp: 73°C d 1.086	
IL-054	1-Butyl-3-methylimidazolium bromide [Bmim][Br]	
	CAS: 85100-77-2 MW: 219.12 g/mol mp: 76°C	
IL-055	1-Butyl-3-methylimidazolium tetrafluoroborate [Bmim][BF₄]	
	CAS: 174501-65-6 MW: 226.02 g/mol mp: -70 °C d 1.21	
IL-056	1-Butyl-3-methylimidazolium hexafluorophosphate [Bmim][PF₆]	
	CAS: 174501-64-5 MW: 284.18 g/mol mp: 12°C d 1.38	
IL-057	1-Butyl-3-methylimidazolium trifluoromethanesulfonate	
	CAS: 174899-66-2 MW: 288.29 g/mol mp: 17°C d 1.292	
IL-058	1-Butyl-3-methylimidazolium bis(trifluoromethylsulfonyl)imide [Bmim][NTF]	
	CAS: 174899-83-3 MW: 419.4 g/mol mp: 1°C d 1.44	
IL-059	1-Butyl-3-methylimidazolium hydrogensulfate [Bmim][HSO₄]	
	CAS: 262297-13-2 MW: 236.29 g/mol mp: 38°C d 1.277	

IL-060	1-Butyl-3-methylimidazolium methanesulfonate [Bmim][MSO]	
	CAS: 342789-81-5 MW: 234.32 g/mol mp: 77°C	
IL-061	1-Butyl-3-methylimidazolium dibutylphosphate [Bmim][DBP]	
	CAS: 663199-28-8 MW: 348.42 g/mol mp: - d 1.056	
IL-062	1-Butyl-3-methylimidazolium dicyanamide [Bmim][DCN]	
	CAS: 448245-52-1 MW: 205.26 g/mol mp: < -50 °C	
IL-063	1-Butyl-3-methylimidazolium hexafluoroantimonate [Bmim][SbF₆]	
	CAS: 174645-81-9 MW: 374.97 g/mol mp: -	
IL-064	1-Butyl-3-methylimidazolium nitrate [Bmim][NO₃]	
	CAS: 179075-88-8 MW: 201.22g/mol mp: -	
IL-065	1-Butyl-3-methylimidazolium octylsulfate [Bmim][OSU]	
	CAS: 445473-58-5 MW: 348.50 g/mol mp: 32°C	
IL-066	1-Butyl-3-methylimidazolium thiocyanate [Bmim][SCN]	
	CAS: 344790-87-0 MW: 197.30 g/mol mp: < -24 °C d 1.07	
IL-067	1-Butyl-3-methylimidazolium p-toluenesulfonate [Bmim][TOS]	
	CAS: 925230-47-3 MW: 310.41 g/mol mp: -	
IL-068	1-Butyl-3-methylimidazolium Hydroxide [Bmim][OH]	
	CAS: 528818-81-7 MW: 156.23 g/mol mp: -	
IL-069	1-Butyl-3-methylimidazolium L-Lactates [Bmim][Lactate]	
	CAS: - MW: 228.29 g/mol mp: -	

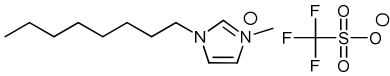
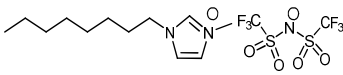
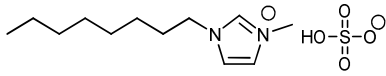
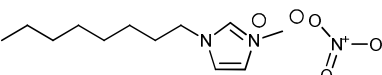
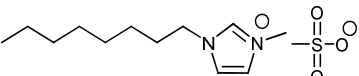
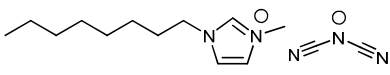
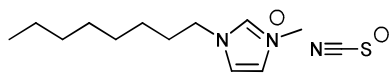
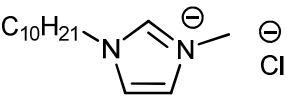
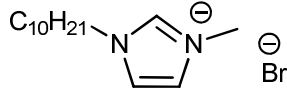
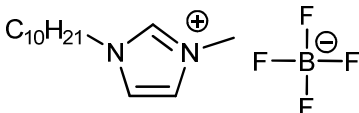


IL-070	1-Butyl-3-methylimidazolium L-prolinate[Bmim][prolinate]	
	CAS: - MW: 253.34 g/mol mp: -	
IL-071	1-Hexyl-3-methylimidazolium chloride [Hmim][Cl]	
	CAS: 171058-17-6 MW: 202.71 g/mol mp: < -50 °C	
IL-072	1-Hexyl-3-methylimidazolium bromide [Hmim][Br]	
	CAS: 85100-78-3 MW: 247.18 g/mol mp: -	
IL-073	1-Hexyl-3-methylimidazolium iodide [Hmim][I]	
	CAS: 178631-05-5 MW: 294.18 g/mol mp: -	
IL-074	1-Hexyl-3-methylimidazolium tetrafluoroborate [Hmim][BF₄]	
	CAS: 244193-50-8 MW: 254.08 g/mol mp: < -50 °C d 1.149	
IL-075	1-Hexyl-3-methylimidazolium hexafluorophosphate [Hmim][PF₆]	
	CAS: 304680-35-1 MW: 312.24g/mol mp: -68°C d 1.419	
IL-076	1-Hexyl-3-methylimidazolium hexafluoroantimonate [Hmim][SbF₆]	
	CAS: 884659-95-4 MW: 403.02 g/mol mp: -	
IL-077	1-Hexyl-3-methylimidazolium trifluoromethanesulfonate	
	CAS: 460345-16-8 MW: 316.34 g/mol mp: - d 1.040	
IL-078	1-Hexyl-3-methylimidazolium bis[(trifluoromethyl)sulfonyl]imide [Hmim][NTF]	
	CAS: 916729-96-9 MW: 447.42 g/mol mp: -	
IL-079	1-Hexyl-3-methylimidazolium phosphate dihydrate[Hmim][H₂PO₄]	
	CAS: 922521-04-8 MW: 632.82 g/mol mp: -	

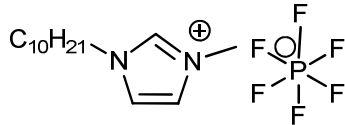
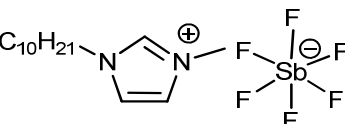
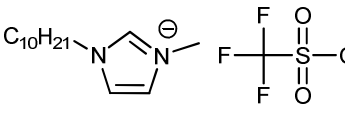
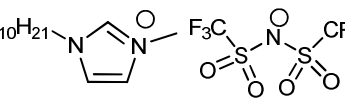
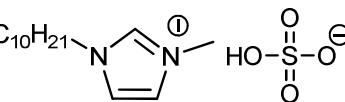
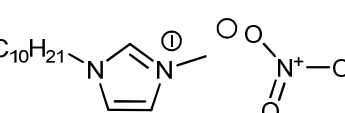
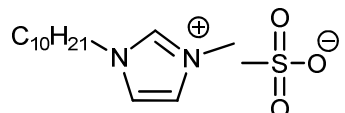
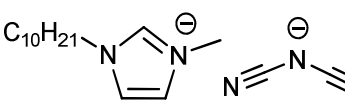
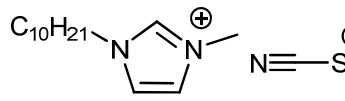
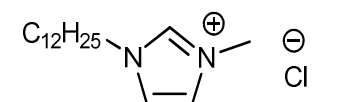


IL-080	1-Hexyl-3-methylimidazolium nitrate [Hmim][NO₃]	
	CAS: 203389-26-8 MW: 229.38 g/mol mp: -	
IL-081	1-Hexyl-3-methylimidazolium methanesulfonate [Hmim][MSO]	
	CAS: 852509-35-4 MW: 262.37 g/mol mp: -	
IL-082	1-Hexyl-3-methylimidazolium dicyanamide [Hmim][DCN]	
	CAS: - MW: 233.31 g/mol mp: -	
IL-083	1-Hexyl-3-methylimidazolium perchlorate [Hmim][ClO₄]	
	CAS: 648424-43-5 MW: 266.72 g/mol mp: -	
IL-084	1-Hexyl-3-methylimidazolium thiocyanate [Hmim][SCN]	
	CAS: 847499-74-5 MW: 225.35 g/mol mp: -	
IL-085	1-Octyl-3-methylimidazolium chloride [Omim][Cl]	
	CAS: 64697-40-1 MW: 230.78 g/mol mp: -55°C d 1.01	
IL-086	1-Octyl-3-methylimidazolium bromide [Omim][Br]	
	CAS: 61545-99-1 MW: 275.23 g/mol mp: -	
IL-087	1-Octyl-3-methylimidazolium tetrafluoroborate [Omim][BF₄]	
	CAS: 244193-52-0 MW: 282.13 g/mol mp: -76°C d 1.12	
IL-088	1-Octyl-3-methylimidazolium hexafluorophosphate [Omim][PF₆]	
	CAS: 304680-36-2 MW: 340.29 g/mol mp: - d 1.231	
IL-089	1-Octyl-3-methylimidazolium hexafluoroantimonate [Omim][SbF₆]	
	CAS: 379712-23-9 MW: 431.07 g/mol mp: -	



IL-090	1-Octyl-3-methylimidazolium trifluoromethansulfonate	
	CAS: 403842-84-2 MW: 344.39 g/mol mp: - d 1.191	
IL-091	1-Octyl-3-methylimidazolium bis(trifluoromethylsulfonyl)imide [Omim][NTF]	
	CAS: 862731-66-6 MW: 475.47 g/mol mp: -	
IL-092	1-Octyl-3-methylimidazolium hydrogen sulfate [Omim][HSO₄]	
	CAS: 497258-85-2 MW: 292.39 g/mol mp: -	
IL-093	1-Octyl-3-methylimidazolium nitrate [Omim][NO₃]	
	CAS: 203389-27-9 MW: 257.33 g/mol mp: -	
IL-094	1-Octyl-3-methylimidazolium methanesulfonate [Omim][MSO]	
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IL-095	1-Octyl-3-methylimidazolium dicyanamide [Omim][DCN]	
	CAS: 905972-84-1 MW: 261.37g/mol mp: -	
IL-096	1-Octyl-3-methylimidazolium thiocyanate [Omim][SCN]	
	CAS: 847499-72-3 MW: 253.41 g/mol mp: -	
IL-097	1-Decyl-3-methylimidazolium chloride	
	CAS: 171058-18-7 MW: 258.83 g/mol mp: -	
IL-098	1-Decyl-3-methylimidazolium bromide	
	CAS: 188589-32-4 MW: 303.28 g/mol mp: -	
IL-099	1-Decyl-3-methylimidazolium tetrafluoroborate	
	CAS: 244193-56-4 MW: 310.18 g/mol mp: -	



IL-100	1-Decyl-3-methylimidazolium hexafluorophosphate	
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IL-101	1-Decyl-3-methylimidazolium hexafluoroantimonate	
	CAS: - MW: 459.13 g/mol mp: -	
IL-102	1-Decyl-3-methylimidazolium trifluoromethanesulfonate	
	CAS: 412009-62-2 MW: 372.45 g/mol mp: -	
IL-103	1-Decyl-3-methylimidazolium bis(trifluoromethylsulfonyl)imide	
	CAS: 433337-23-6 MW: 503.52 g/mol mp: -	
IL-104	1-Decyl-3-methylimidazolium hydrogensulfate	
	CAS: - MW: 320.45 g/mol mp: -	
IL-105	1-Decyl-3-methylimidazolium nitrate	
	CAS: 1057409-91-2 MW: 258.38 g/mol mp: -	
IL-106	1-Decyl-3-methylimidazolium methanesulfonate	
	CAS: - MW: 318.48 g/mol mp: -	
IL-107	1-Decyl-3-methylimidazolium dicyanamide	
	CAS: - MW: 289.42 g/mol mp: -	
IL-108	1-Decyl-3-methylimidazolium thiocyanate	
	CAS: 847499-75-6 MW: 281.46 g/mol mp: -	
IL-109	1-Dodecyl-3-methylimidazolium chloride	
	CAS: 114569-84-5 MW: 286.88 g/mol mp: -	



IL-110	1-Dodecyl-3-methylimidazolium bromide	
	CAS: 188589-32-4 MW: 331.33 g/mol mp: -	
IL-111	1-Dodecyl-3-methylimidazolium tetrafluoroborate	
	CAS: 244193-59-7 MW: 338.24 g/mol mp: -	
IL-112	1-Dodecyl-3-methylimidazolium hexafluorophosphate	
	CAS: 219947-93-0 MW: 396.39 g/mol mp: -	
IL-113	1-Dodecyl-3-methylimidazolium hexafluoroantimonate	
	CAS: - MW: 487.18g/mol mp: -	
IL-114	1-Dodecyl-3-methylimidazolium trifluoromethanesulfonate	
	CAS: 404001-52-1 MW: 400.50 g/mol mp: -	
IL-115	1-Dodecyl-3-methylimidazolium hydrogensulfate	
	CAS: 901791-87-5 MW: 348.50 g/mol mp: -	
IL-116	1-Dodecyl-3-methylimidazolium bis(trifluoromethylsulfonyl)imide	
	CAS: 404001-48-5 MW: 531.58 g/mol mp: -	
IL-117	1-Dodecyl-3-methylimidazolium methanesulfonate	
	CAS: 927681-23-0 MW: 346.53 g/mol mp: -	
IL-118	1-Dodecyl-3-methylimidazolium nitrate	
	CAS: 799246-93-8 MW: 313.44 g/mol mp: -	
IL-119	1-Dodecyl-3-methylimidazolium dicyanamide	
	CAS: - MW: 317.47 g/mol mp: -	



IL-120	1-Dodecyl-3-methylimidazolium thiocyanate	
	CAS: - MW: 309.51 g/mol mp: -	
IL-121	1-Tetradecyl-3-methylimidazolium chloride	
	CAS: 171058-21-2 MW: 314.94 g/mol mp: -	
IL-122	1-Tetradecyl-3-methylimidazolium bromide	
	CAS: 471907-87-6 MW: 359.39 g/mol mp: -	
IL-123	1-Tetradecyl-3-methylimidazolium tetrafluoroborate	
	CAS: - MW: 366.29 g/mol mp: -	
IL-124	1-Tetradecyl-3-methylimidazolium hexafluorophosphate	
	CAS: 219947-94-1 MW: 424.45 g/mol mp: -	
IL-125	1-Tetradecyl-3-methylimidazolium hexafluoroantimonate	
	CAS: - MW: 515.23 g/mol mp: -	
IL-126	1-Tetradecyl-3-methylimidazolium methanesulfonate	
	CAS: - MW: 374.58 g/mol mp: -	
IL-127	1-Tetradecyl-3-methylimidazolium methylsulfate	
	CAS: - MW: 391.59 g/mol mp: -	
IL-128	1-Tetradecyl-3-methylimidazolium trifluoromethanesulfonate	
	CAS: 404001-53-2 MW: 428.55 g/mol mp: -	
IL-129	1-Tetradecyl-3-methylimidazolium	
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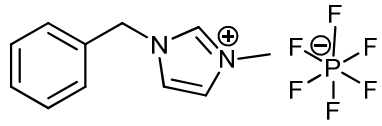
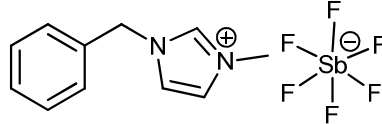
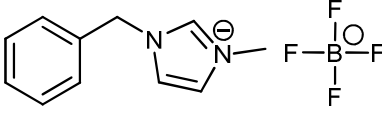
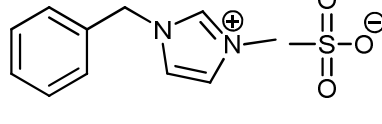
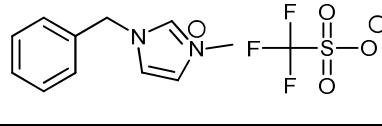
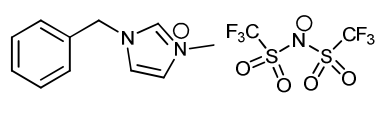
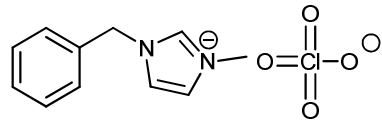
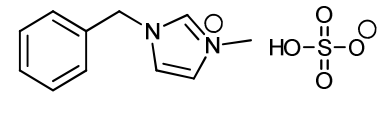
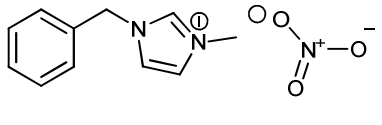
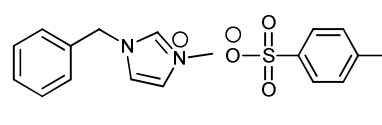


IL-130	1-Tetradecyl-3-methylimidazolium hydrogensulfonate	
	CAS: 901791-89-7 MW: 374.58 g/mol mp: -	
IL-131	1-Tetradecyl-3-methylimidazolium nitrate	
	CAS: 799246-94-9 MW: 341.49 g/mol mp: -	
IL-132	1-Tetradecyl-3-methylimidazolium dicyanamide	
	CAS: - MW: 345.53 g/mol mp: -	
IL-133	1-Tetradecyl-3-methylimidazolium thiocyanate	
	CAS: - MW: 337.57 g/mol mp: -	
IL-134	1-Hexadecyl-3-methylimidazolium chloride	
	CAS: 61546-01-8 MW: 342.99 g/mol mp: -	
IL-135	1-Hexadecyl-3-methylimidazolium bromide	
	CAS: 132361-22-9 MW: 387.44 g/mol mp: -	
IL-136	1-Hexadecyl-3-methylimidazolium tetrafluoroborate	
	CAS: 244193-64-4 MW: 394.34 g/mol mp: -	
IL-137	1-Hexadecyl-3-methylimidazolium hexafluorophosphate	
	CAS: 219947-95-2 MW: 452.50 g/mol mp: -	
IL-138	1-Hexadecyl-3-methylimidazolium hexafluoroantimonate	
	CAS: - MW: 543.29 g/mol mp: -	
IL-139	1-Hexadecyl-3-methylimidazolium methanesulfonate	
	CAS: - MW: 402.63 g/mol mp: -	

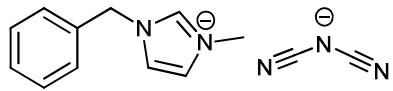
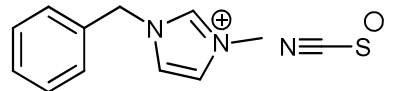
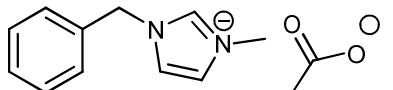
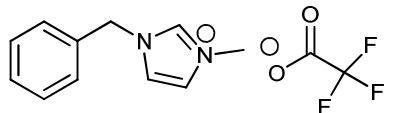
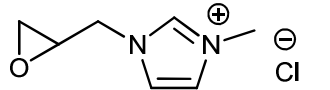
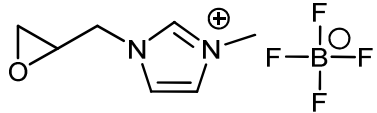
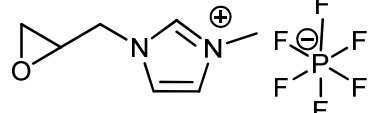
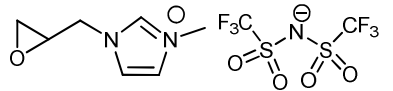
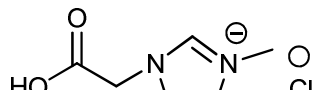
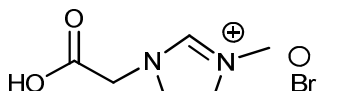


IL-140	1-Hexadecyl-3-methylimidazolium trifluoromethansulfonate	
	CAS: 404001-54-3 MW: 456.61 g/mol mp: -	
IL-141	1-Hexadecyl-3-methylimidazolium	
	CAS: 404001-50-9 MW: 587.68 g/mol mp: -	
IL-142	1-Hexadecyl-3-methylimidazolium hydrogensulfate	
	CAS: 865446-63-5 MW: 404.61 g/mol mp: -	
IL-143	1-Hexadecyl-3-methylimidazolium nitrate	
	CAS: 799246-95-0 MW: 369.54 g/mol mp: -	
IL-144	1-Hexadecyl-3-methylimidazolium dicyanamide	
	CAS: - MW: 373.58 g/mol mp: -	
IL-145	1-Hexadecyl-3-methylimidazolium thiocyanate	
	CAS: - MW: 365.62 g/mol mp: -	
IL-146	1-Hexadecyl-3-methylimidazolium p-Toluenesulfonate	
	CAS: 927681-25-2 MW: 478.73 g/mol mp: -	
IL-147	1-Benzyl-3-methylimidazolium bromide [Zmim][Br]	
	CAS: 65039-11-4 MW: 253.14 g/mol mp: -	
IL-148	1-Benzyl-3-methylimidazolium chloride [Zmim][Cl]	
	CAS: 36443-80-8 MW: 208.69 g/mol mp: -23°C	
IL-149	1-Benzyl-3-methylimidazolium methylsulfate [Zmim][MSU]	
	CAS: 1005735-56-7 MW: 284.33 g/mol mp: -	



IL-150	1-Benzyl-3-methylimidazolium hexafluorophosphate [Zmim][PF₆]	
	CAS: 433337-11-2 MW: 318.20 g/mol mp: -	
IL-151	1-Benzyl-3-methylimidazolium hexafluoroantimonate	
	CAS: - MW: 408.98 g/mol mp: -	
IL-152	1-Benzyl-3-methylimidazolium Tetrafluoroborate [Zmim][BF₄]	
	CAS: 500996-04-3 MW: 260.04 g/mol mp: 63°C	
IL-153	1-Benzyl-3-methylimidazolium methansulfonate [Zmim][MSO]	
	CAS: 936014-36-7 MW: 268.33 g/mol mp: -	
IL-154	1-Benzyl-3-methylimidazolium trifluoromethansulfonate	
	CAS: 606925-13-7 MW: 322.30 g/mol mp: -	
IL-155	1-Benzyl-3-methylimidazolium bis(trifluoromethylsulfonyl)imide [Zmim][NTF]	
	CAS: 433337-24-7 MW: 453.38 g/mol mp: -	
IL-156	1-Benzyl-3-methylimidazolium hydrogen sulfate [Zmim][HSO₄]	
	CAS: 956597-95-8 MW: 270.30 g/mol mp: -	
IL-157	1-Benzyl-3-methylimidazolium perchlorate [Zmim][ClO₄]	
	CAS: 95546-37-5 MW: 272.68 g/mol mp: -	
IL-158	1-Benzyl-3-methylimidazolium nitrate [Zmim][NO₃]	
	CAS: - MW: 235.24 g/mol mp: -	
IL-159	1-Benzyl-3-methylimidazolium p-Toluenesulfonate [Zmim][OTS]	
	CAS: 52461-83-3 MW: 344.43 g/mol mp: -	



IL-160	1-Benzyl-3-methylimidazolium dicyanamide [Zmim][DCN]	
	CAS: 958445-60-8 MW: 239.28 g/mol mp: -	
IL-161	1-Benzyl-3-methylimidazolium thiocyanate [Zmim][SCN]	
	CAS: 958869-83-5 MW: 231.32 g/mol mp: -	
IL-162	1-Benzyl-3-methylimidazolium acetate [Zmim][CH₃COO]	
	CAS: 1005735-57-8 MW: 232.28 g/mol mp: -	
IL-163	1-Benzyl-3-methylimidazolium trifluoroacetate [Zmim][ATF]	
	CAS: 606925-16-0 MW: 286.25 g/mol mp: -	
IL-164	1-Epoxypropyl-3-methylimidazolium chloride	
	CAS: 725736-43-6 MW: 174.63 g/mol mp: -	
IL-165	1-Epoxypropyl-3-methylimidazolium tetrafluoroborate	
	CAS: 725736-45-8 MW: 225.98 g/mol mp: -	
IL-166	1-Epoxypropyl-3-methylimidazolium hexafluorophosphate	
	CAS: - MW: 284.14 g/mol mp: -	
IL-167	1-Epoxypropyl-3-methylimidazolium	
	CAS: - MW: 419.32 g/mol mp: -	
IL-168	1-Carboxymethyl-3-methylimidazolium chloride	
	CAS: 700370-07-6 MW: 176.60 g/mol mp: -	
IL-169	1-Carboxymethyl-3-methylimidazolium bromide	
	CAS: 671793-14-9 MW: 221.05 g/mol mp: -	

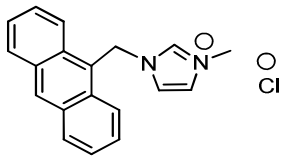
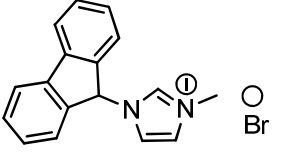
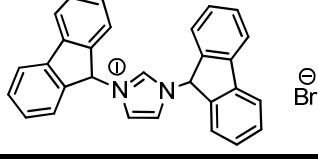
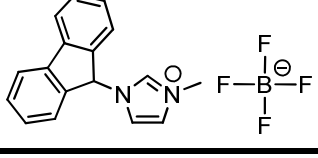
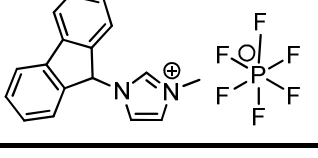
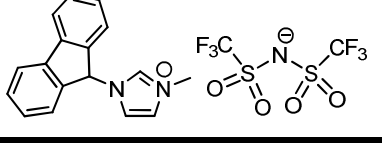
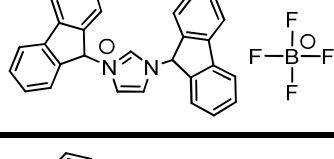
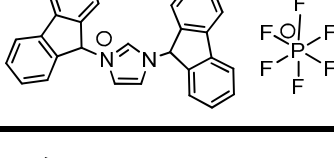
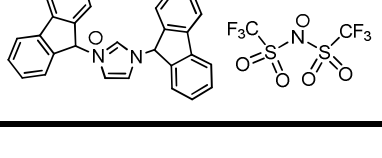
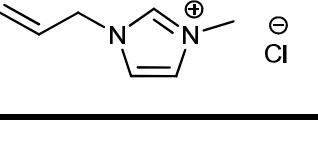


IL-170	1-Carboxymethyl-3-methylimidazolium tetrafluoroborate	
	CAS: 805228-42-6 MW: 227.95 g/mol mp: -	
IL-171	1-Carboxymethyl-3-methylimidazolium hexafluorophosphate	
	CAS: 911430-08-5 MW: 286.11 g/mol mp: -	
IL-172	1-Carboxymethyl-3-methylimidazolium bis(trifluoromethylsulfonyl)imide	
	CAS: 671793-16-1 MW: 421.29 g/mol mp: -	
IL-173	1-Methylimidazolium sulfobutyrolactone	
	CAS: 179863-07-1 MW: 220.29 g/mol mp: -	
IL-174	1-Sulfobutyl-3-methylimidazolium hydrogensulfate	
	CAS: 827320-59-2 MW: 316.35 g/mol mp: -	
IL-175	1-Sulfobutyl-3-methylimidazolium trifluoromethanesulfonate	
	CAS: 657414-80-7 MW: 368.35 g/mol mp: -	
IL-176	1-Sulfobutyl-3-methylimidazolium p-Toluenesulfonate	
	CAS: 700370-10-1 MW: 390.47 g/mol mp: -	
IL-177	1-Ethyl ester methyl-3-methylimidazolium chloride	
	CAS: 464916-25-4 MW: 190.63 g/mol mp: -	
IL-178	1-Ethyl ester methyl-3-methylimidazolium bromide	
	CAS: - MW: 235.08 g/mol mp: -	
IL-179	1-Ethyl ester methyl-3-methylimidazolium tetrafluoroborate	
	CAS: 503439-30-3 MW: 241.98 g/mol mp: -	

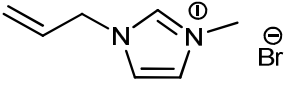
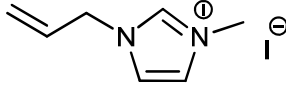
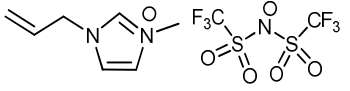
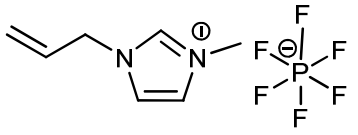
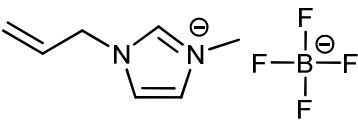
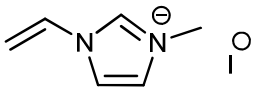
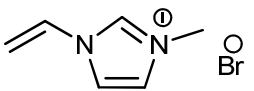
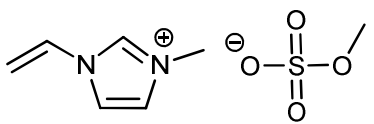
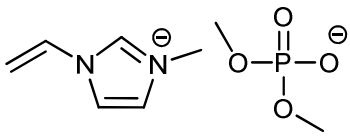
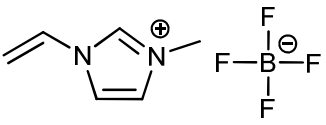


IL-180	1-Ethyl ester methyl-3-methylimidazolium hexafluorophosphate	
	CAS: 503439-50-7 MW: 300.14 g/mol mp: -	
IL-181	1-Ethyl ester methyl-3-methylimidazolium bis(trifluoromethylsulfonyl)imide	
	CAS: 503439-62-1 MW: 435.32 g/mol mp: -	
IL-182	1-(Cyanomethyl)-3-methylimidazolium chloride	
	CAS: 154312-63-7 MW: 157.60 g/mol mp: -	
IL-183	1-(Cyanomethyl)-3-methylimidazolium bromide	
	CAS: 392710-36-0 MW: 202.05 g/mol mp: -	
IL-184	1-(Cyanomethyl)-3-methylimidazolium tetrafluoroborate	
	CAS: 683224-92-2 MW: 208.95 g/mol mp: -	
IL-185	1-(Cyanomethyl)-3-methylimidazolium hexafluorophosphate	
	CAS: 683224-91-1 MW: 267.11 g/mol mp: -	
IL-186	1-(Cyanomethyl)-3-methylimidazolium bis(trifluoromethylsulfonyl)imide	
	CAS: 937720-90-6 MW: 402.29 g/mol mp: -	
IL-187	1-(Cyanomethyl)-3-vinylimidazolium bromide	
	CAS: 1072788-74-9 MW: 214.06 g/mol mp: -	
IL-188	1-(Propyltrimethoxyl)-3-methylimidazolium chloride	
	CAS: 856925-70-7 MW: 264.75 g/mol mp: -	
IL-189	1-(Propyltriethoxyl)-3-methylimidazolium chloride	
	CAS: 338741-79-0 MW: 306.83 g/mol mp: -	

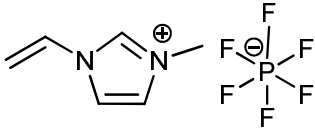
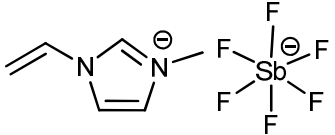
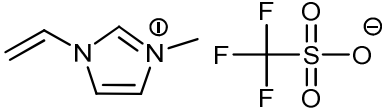
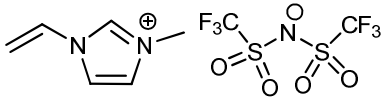
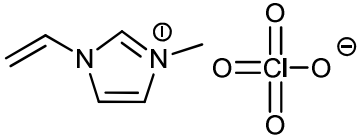
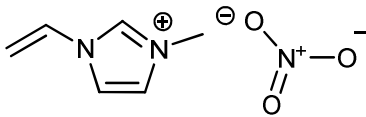
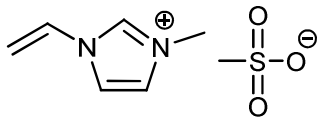
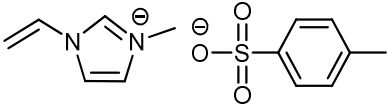
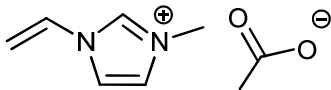


IL-190	1-(9-methylene Onion)-3-methylimidazolium chloride	
	CAS: 61865-02-9 MW: 308.80 g/mol mp: -	
IL-191	1-Fluorenyl-3-methylimidazolium bromide	
	CAS: - MW: 327.22 g/mol mp: -	
IL-192	1,3-Difluorenylimidazolium bromide	
	CAS: - MW: 477.39 g/mol mp: -	
IL-193	1-Fluorenyl-3-methylimidazolium tetrafluoroborate	
	CAS: - MW: 334.12 g/mol mp: -	
IL-194	1-Fluorenyl-3-methylimidazolium hexafluorophosphate	
	CAS: - MW: 392.28 g/mol mp: -	
IL-195	1-Fluorenyl-3-methylimidazolium	
	CAS: - MW: 527.46 g/mol mp: -	
IL-196	1,3-Difluorenylimidazolium tetrafluoroborate	
	CAS: - MW: 484 g/mol mp: -	
IL-197	1,3-Difluorenylimidazolium hexafluorophosphate	
	CAS: - MW: 542 g/mol mp: -	
IL-198	1,3-Difluorenylimidazolium bis(trifluoromethylsulfonyl)imide	
	CAS: - MW: 678 g/mol mp: -	
IL-199	1-Allyl-3-methylimidazolium chloride [Amim][Cl]	
	CAS: 65039-10-3 MW: 158.63 g/mol mp: -	

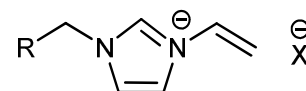


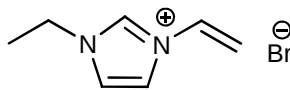
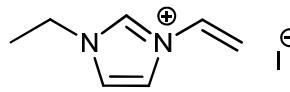
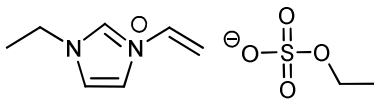
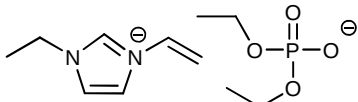
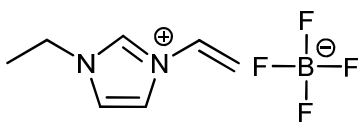
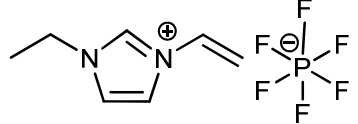
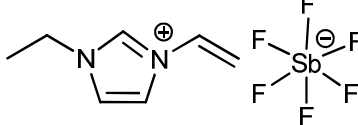
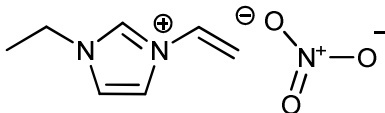
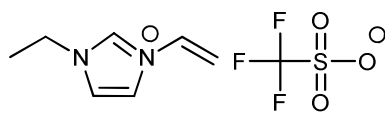
IL-200	1-Allyl-3-methylimidazolium bromide [Amim][Br]	
	CAS: 31410-07-8 MW: 203.08 g/mol mp: -	
IL-201	1-Allyl-3-methylimidazolium iodide [Amim][I]	
	CAS: - MW: 250.08 g/mol mp: -	
IL-202	1-Allyl-3-methylimidazolium bis[(trifluoromethyl)sulfonyl]imide [Amim][NTF]	
	CAS: - MW: 403.32 g/mol mp: -	
IL-203	1-Allyl-3-methylimidazolium hexafluorophosphate [Amim][PF₆]	
	CAS: 861908-19-2 MW: 268.14 g/mol mp: -	
IL-204	1-Allyl-3-methylimidazolium tetrafluoroborate [Amim][BF₄]	
	CAS: 851606-63-8 MW: 209.98 g/mol mp: -	
IL-205	1-Vinyl-3-methylimidazolium iodide [Vmim][I]	
	CAS: 29322-86-9 MW: 236.05 g/mol mp: -	
IL-206	1-Vinyl-3-methylimidazolium Bromide [Vmim][Br]	
	CAS: - MW: 189.05 g/mol mp: -	
IL-207	1-Vinyl-3-methylimidazolium methylsulfate [Vmim][MSU]	
	CAS: 26591-72-0 MW: 220.25 g/mol mp: -	
IL-208	1-Vinyl-3-methylimidazolium dimethylphosphate [Vmim][DMP]	
	CAS: - MW: 234.19 g/mol mp: -	
IL-209	1-Vinyl-3-methylimidazolium tetrafluoroborate [Vmim][BF₄]	
	CAS: 911289-19-5 MW: 195.95 g/mol mp: -	

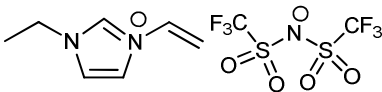
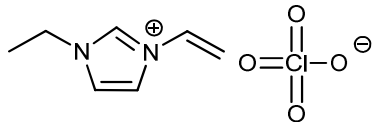
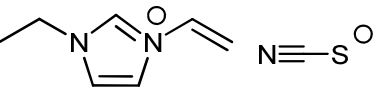
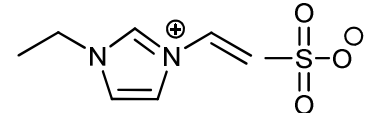
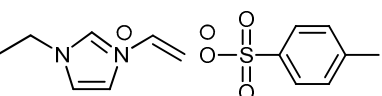
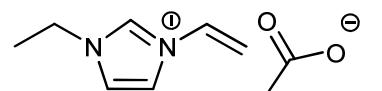
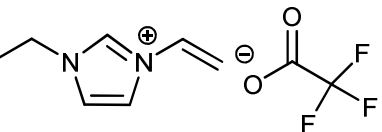
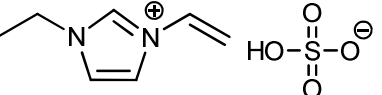
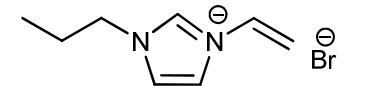
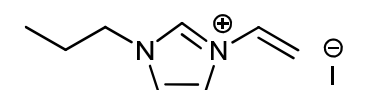


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	CAS: - MW: 254.11 g/mol mp: -	
IL-211	1-Vinyl-3-methylimidazolium hexafluorantimonate [Vmim][SbF₆]	
	CAS: - MW: 344.90 g/mol mp: -	
IL-212	1-Vinyl-3-methylimidazolium trifluoromethylsulfonate	
	CAS: 187387-89-9 MW: 258.22 g/mol mp: -	
IL-213	1-Vinyl-3-methylimidazolium bis(trifluoromethylsulfonyl)imide [Vmim][NTF]	
	CAS: - MW: 389.30 g/mol mp: -	
IL-214	1-Vinyl-3-methylimidazolium perchlorate [Vmim][ClO₄]	
	CAS: 1072788-91-0 MW: 208.60 g/mol mp: -	
IL-215	1-Vinyl-3-methylimidazolium nitrate [Vmim][NO₃]	
	CAS: 1072788-90-9 MW: 171.15 g/mol mp: -	
IL-216	1-Vinyl-3-methylimidazolium methanesulfonate [Vmim][MSO]	
	CAS: 264255-37-0 MW: 204.25 g/mol mp: -	
IL-217	1-Vinyl-3-methylimidazolium p-Toluenesulfonate [Vmim][OTS]	
	CAS: 187387-86-6 MW: 280.34 g/mol mp: -	
IL-218	1-Vinyl-3-methylimidazolium acetate [Vmim][CH₃COO]	
	CAS: - MW: 168.19 g/mol mp: -	

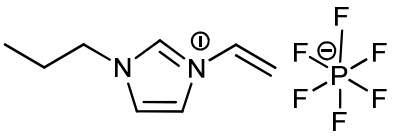
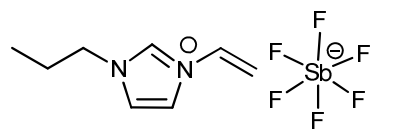
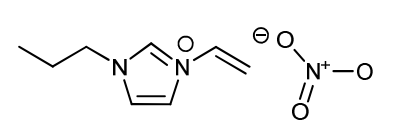
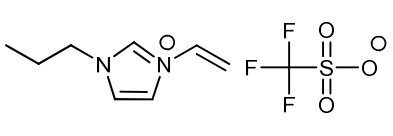
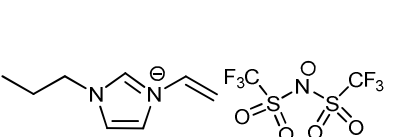
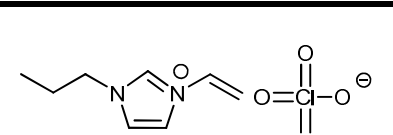
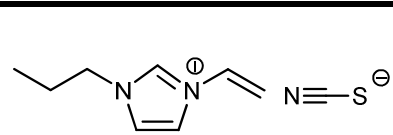
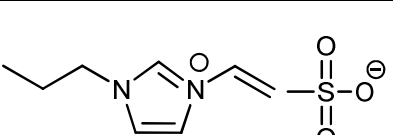
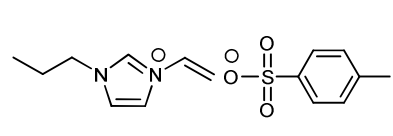
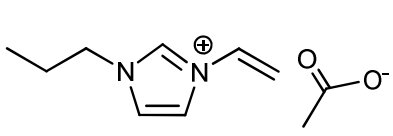
I -2. Vinylimidazole Ionic Liquids



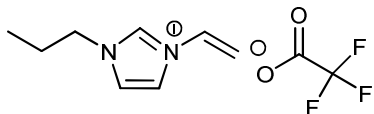
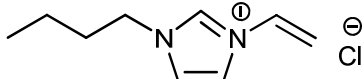
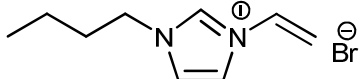
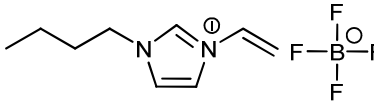
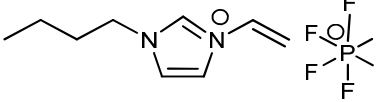
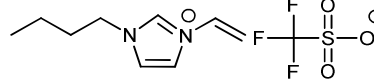
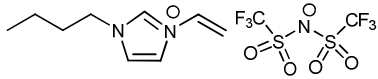
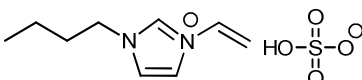
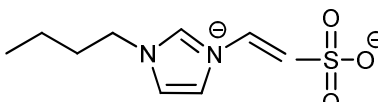
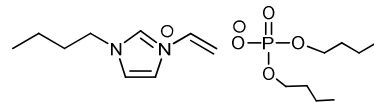
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IL-302	1-Ethyl-3-vinylimidazolium iodide [Evmim][I]	
	CAS: 131566-27-3 MW: 250.08 g/mol mp: -	
IL-303	1-Ethyl-3-vinylimidazolium ethylsulfate [Evmim][ESU]	
	CAS: - MW: 248.30 g/mol mp: -	
IL-304	1-Ethyl-3-vinylimidazolium diethylphosphate [Evmim][DEP]	
	CAS: - MW: 276.27 g/mol mp: -	
IL-305	1-Ethyl-3-vinylimidazolium tetrafluoroborate [Evmim][BF4]	
	CAS: 936030-51-2 MW: 209.98 g/mol mp: -	
IL-306	1-Ethyl-3-vinylimidazolium hexafluorophosphate [Evmim][PF6]	
	CAS: 1034364-43-6 MW: 268.14 g/mol mp: -	
IL-307	1-Ethyl-3-vinylimidazolium hexafluorantimonate [Evmim][SbF6]	
	CAS: - MW: 358.93 g/mol mp: -	
IL-308	1-Ethyl-3-vinylimidazolium nitrate [Evmim][NO3]	
	CAS: - MW: 185.18 g/mol mp: -	
IL-309	1-Ethyl-3-vinylimidazolium trifluoromethylsulfonate [Evmim][OTF]	
	CAS: 932031-93-1 MW: 272.24 g/mol mp: -	

IL-310	1-Ethyl-3-vinylimidazolium bis(trifluoromethylsulfonyl)imide [Evmim][NTF]	
	CAS: 204854-22-8 MW: 403.32 g/mol mp: -	
IL-311	1-Ethyl-3-vinylimidazolium perchlorate [Evmim][ClO₄]	
	CAS: - MW: 222.63 g/mol mp: -	
IL-312	1-Ethyl-3-vinylimidazolium thiocyanate [Evmim][SCN]	
	CAS: - MW: 181.26 g/mol mp: -	
IL-313	1-Ethyl-3-vinylimidazolium methanesulfonate [Evmim][MSO]	
	CAS: - MW: 218.27 g/mol mp: -	
IL-314	1-Ethyl-3-vinylimidazolium p-Toluenesulfonate [Evmim][OTF]	
	CAS: 321842-74-4 MW: 294.37 g/mol mp: -	
IL-315	1-Ethyl-3-vinylimidazolium acetate [Evmim][CH₃COO]	
	CAS: 1109210-45-8 MW: 182.22 g/mol mp: -	
IL-316	1-Ethyl-3-vinylimidazolium trifluoroacetate [Evmim][ATF]	
	CAS: - MW: 236.19 g/mol mp: -	
IL-317	1-Ethyl-3-vinylimidazolium hydrogensulfate [Evmim][HSO₄]	
	CAS: - MW: 220.25 g/mol mp: -	
IL-318	1-Propyl-3-vinylimidazolium bromide [Pvmim][Br]	
	CAS: - MW: 217.11 g/mol mp: -	
IL-319	1-Propyl-3-vinylimidazolium iodide [Pvmim][I]	
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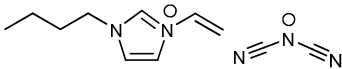
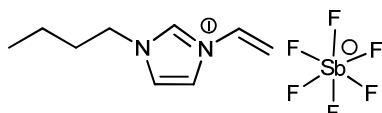
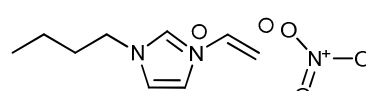
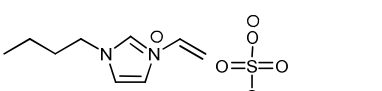
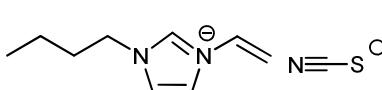
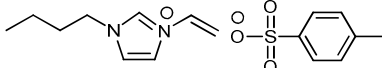
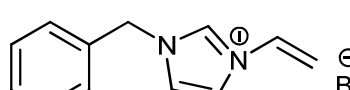
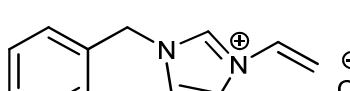
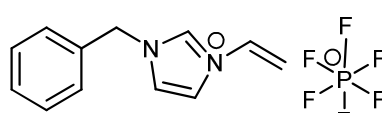
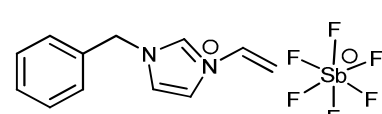


IL-320	1-Propyl-3vinylimidazolium hexafluorophosphate [Pvmim][PF₆]	
	CAS: - MW: 282.17 g/mol mp: -	
IL-321	1-Propyl-3vinylimidazolium hexafluorantimonate [Pvmim][SbF₆]	
	CAS: - MW: 372.95 g/mol mp: -	
IL-322	1-Propyl-3vinylimidazolium nitrate [Pvmim][NO₃]	
	CAS: - MW: 199.21 g/mol mp: -	
IL-323	1-Propyl-3vinylimidazolium trifluoromethylsulfonate	
	CAS: - MW: 286.27 g/mol mp: -	
IL-324	1-Propyl-3vinylimidazolium bis(trifluoromethylsulfonyl)imide [Pvmim][NTF]	
	CAS: - MW: 417.35 g/mol mp: -	
IL-325	1-Propyl-3vinylimidazolium perchlorate [Pvmim][ClO₄]	
	CAS: - MW: 236.65 g/mol mp: -	
IL-326	1-Propyl-3vinylimidazolium thiocyanate [Pvmim][SCN]	
	CAS: - MW: 195.28 g/mol mp: -	
IL-327	1- propyl -3-vinylimidazolium methanesulfonate [Pvmim][MSO]	
	CAS: - MW: 232.30 g/mol mp:-	
IL-328	1- propyl -3-vinylimidazolium p-toluenesulfonate [Pvmim][OTS]	
	CAS: - MW: 308.40 g/mol mp:-	
IL-329	1- Propyl -3-vinylimidazolium acetate [Pvmim][CH₃COO]	
	CAS: - MW: 196.25 g/mol mp: -	

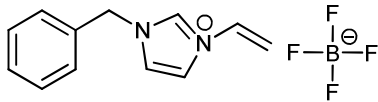
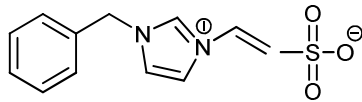
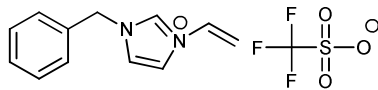
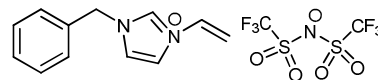
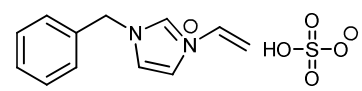
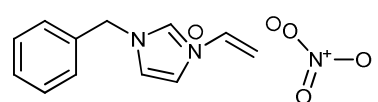
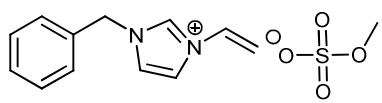
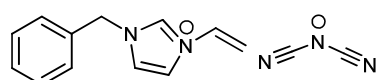
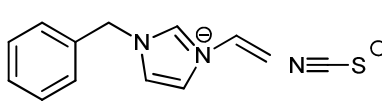
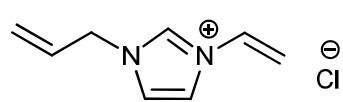


IL-330	1-Propyl -3-vinylimidazolium trifluoroacetate [Pvmim][ATF]	
	CAS: - MW: 250.22 g/mol mp: -	
IL-331	1-Butyl-3-vinylimidazolium chloride [Bvmim][Cl]	
	CAS: 657394-65-5 MW: 186.68 g/mol mp: -	
IL-332	1-Butyl-3-vinylimidazolium bromide[Bvmim][Br]	
	CAS: 1033461-45-8 MW: 231.13 g/mol mp: -	
IL-333	1-Butyl-3-vinylimidazolium tetrafluoroborate [Bvmim][BF4]	
	CAS: 1033461-44-7 MW: 238.03 g/mol mp: -	
IL-334	1-Butyl-3-vinylimidazolium hexafluorophosphate [Bvmim][PF6]	
	CAS: 915358-85-9 MW: 296.19 g/mol mp: -	
IL-335	1-Butyl-3-vinylimidazolium trifluoromethylsulfonate [Bvmim][OTF]	
	CAS: - MW: 300.30 g/mol mp:-	
IL-336	1-Butyl-3-vinylimidazolium bis(trifluoromethylsulfonyl)imide [Bvmim][NTF]	
	CAS: 1007390-44-4 MW: 431.37 g/mol mp: -	
IL-337	1-Butyl-3-vinylimidazolium hydrogensulfate [Bvmim][HSO4]	
	CAS: - MW: 248.30 g/mol mp: -	
IL-338	1-Butyl-3-vinylimidazolium methanesulfonate [Bvmim][MSO]	
	CAS: - MW: 246.33 g/mol mp: -	
IL-339	1-Butyl-3-vinylimidazolium dibutylphosphate [Bvmim][DBP]	
	CAS: - MW: 360.43 g/mol mp: -	



IL-340	1-Butyl-3-vinylimidazolium dicyanamide [Bvmim][DCN]	
	CAS: - MW: 217.27 g/mol mp: -	
IL-341	1-Butyl-3-vinylimidazolium hexafluorantimonate [Bvmim][SbF₆]	
	CAS: - MW: 386.98 g/mol mp: -	
IL-342	1-Butyl-3-vinylimidazolium nitrate [Bvmim][NO₃]	
	CAS: - MW: 213.23 g/mol mp: -	
IL-343	1-Butyl-3-vinylimidazolium octanesulfonate [Bvmim][OSU]	
	CAS: - MW: 344.51 g/mol mp: -	
IL-344	1-Butyl-3-vinylimidazolium thiocyanate [Bvmim][SCN]	
	CAS: - MW: 209.31 g/mol mp: -	
IL-345	1-Butyl-3-vinylimidazolium p-toluenesulfonate [Bvmim][OTS]	
	CAS: - MW: 322.42 g/mol mp: -	
IL-346	1-Benzyl-3-vinylimidazolium bromide [Bzvmim][Br]	
	CAS: 67691-05-8 MW: 265.15 g/mol mp: -	
IL-347	1-Benzyl-3-vinylimidazolium chloride [Bzvmim][Cl]	
	CAS: 79637-05-1 MW: 220.70 g/mol mp: -	
IL-348	1-Benzyl-3-vinylimidazolium hexafluorophosphate [Bzvmim][PF₆]	
	CAS: - MW: 330.21 g/mol mp: -	
IL-349	1-Benzyl-3-vinylimidazolium hexafluorantimonate [Bzvmim][SbF₆]	
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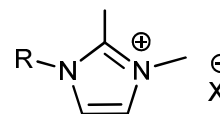


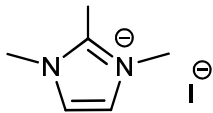
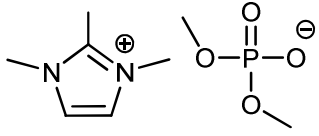
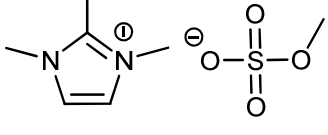
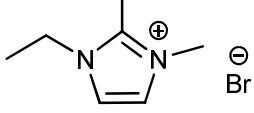
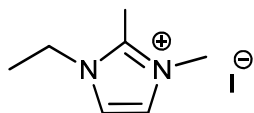
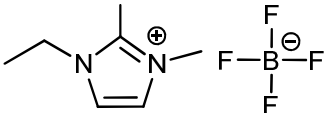
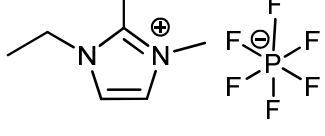
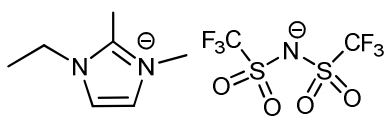
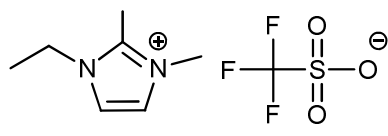
IL-350	1-Benzyl-3-vinylimidazolium tetrafluoroborate [Bzvmim][BF₄]	
	CAS: - MW: 272.05 g/mol mp: -	
IL-351	1-Benzyl-3-vinylimidazolium methanesulfonate [Bzvmim][MSO]	
	CAS: - MW: 280.34 g/mol mp: -	
IL-352	1-Benzyl-3-vinylimidazolium trifluoromethylsulfonate	
	CAS: - MW: 334.31 g/mol mp: -	
IL-353	1-Benzyl-3-vinylimidazolium bis(trifluoromethylsulfonyl)imide [Bzvmim][NTF]	
	CAS: - MW: 465.39 g/mol mp: -	
IL-354	1-Benzyl-3-vinylimidazolium hydrogensulfate [Bzvmim][HSO₄]	
	CAS: - MW: 282.32 g/mol mp: -	
IL-355	1-Benzyl-3-vinylimidazolium nitrate [Bzvmim][NO₃]	
	CAS: - MW: 274.25 g/mol mp: -	
IL-356	1-Benzyl-3-vinylimidazolium methylsulfate [Bzvmim][MSU]	
	CAS: - MW: 296.34 g/mol mp: -	
IL-357	1-Benzyl-3-vinylimidazolium dicyanamide [Bzvmim][DCN]	
	CAS: - MW: 251.29 g/mol mp: -	
IL-358	1-Benzyl-3-vinylimidazolium thiocyanate [Bzvmim][SCN]	
	CAS: - MW: 243.33 g/mol mp: -	
IL-359	1-Allyl-3-vinylimidazolium chloride [Avmim][Cl]	
	CAS: 100894-64-2 MW: 170.64 g/mol mp: -	



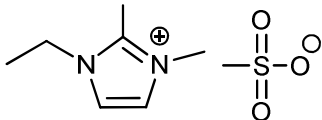
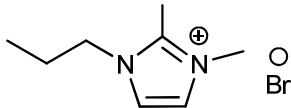
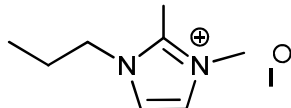
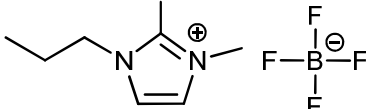
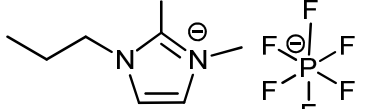
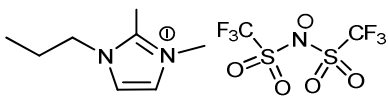
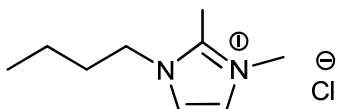
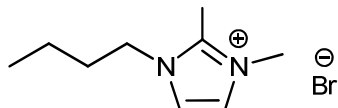
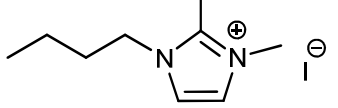
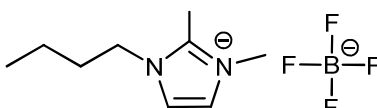
IL-360	1-Allyl-3-vinylimidazolium bromide [Avmim][Br]	
	CAS: 1072788-73-8 MW: 215.09 g/mol mp: -	
IL-361	1-Allyl-3-vinylimidazolium Iodide [Avmim][I]	
	CAS: - MW: 262.09 g/mol mp: -	
IL-362	1-Allyl-3-vinylimidazolium bis(trifluoromethylsulfonyl)imide [Avmim][NTF]	
	CAS: - MW: 415.33 g/mol mp: -	
IL-363	1-Allyl-3-vinylimidazolium hexafluorophosphate [Avmim][PF₆]	
	CAS: - MW: 280.15 g/mol mp: -	
IL-364	1-Allyl-3-vinylimidazolium tetrafluoroborate [Avmim][BF₄]	
	CAS: 936030-54-5 MW: 221.99 g/mol mp: -	
IL-365	1-烷基（羟基）-3-甲基咪唑對磺酸基聚苯乙烯鹽	
	CAS: - MW: ~20,000 g/mol mp: -	

I -3. 1, 2, 3-Trisubstituent Imidazolium Ionic Liquids

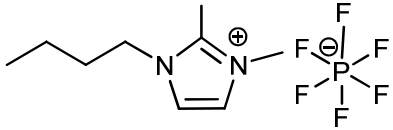
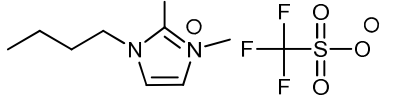
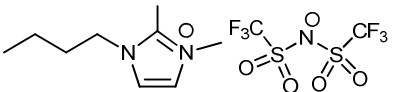
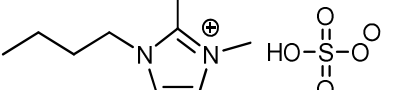
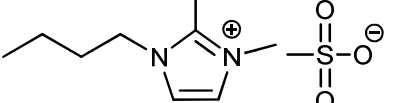
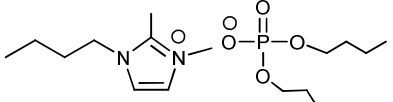
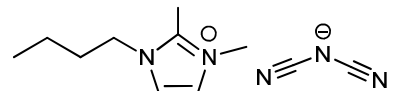
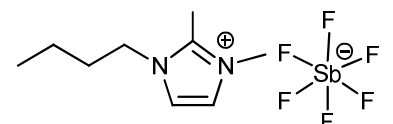
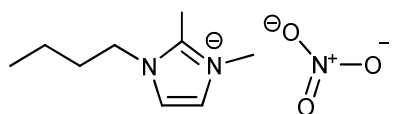


IL-401	1,2,3-Trimethylimidazolium iodide [Mmmim][I]	
	CAS: 36432-31-3 MW: 238.07 g/mol mp: 320°C	
IL-402	1,2,3-Trimethylimidazolium dimethylphosphate [Mmmim][DMP]	
	CAS: 910247-97-1 MW: 236.21 g/mol mp: -	
IL-403	1,2,3-Trimethylimidazolium methylsulfate [Mmmim][MSU]	
	CAS: - MW: 222.26 g/mol mp: -	
IL-404	1-Ethyl-2,3-Dimethylimidazolium bromide [Emmim][Br]	
	CAS: 98892-76-3 MW: 205.10 g/mol mp: -	
IL-405	1-Ethyl-2,3-Dimethylimidazolium iodide [Emmim][I]	
	CAS: 141085-40-7 MW: 252.10 g/mol mp: -	
IL-406	1-Ethyl-2,3-Dimethylimidazolium tetrafluoroborate [Emmim][BF4]	
	CAS: 307492-75-7 MW: 212.00 g/mol mp: -	
IL-407	1-Ethyl-2,3-Dimethylimidazolium hexafluorophosphate	
	CAS: 292140-86-4 MW: 270.16 g/mol mp: -	
IL-408	1-Ethyl-2,3-Dimethylimidazolium bis(trifluoromethylsulfonyl)imide [Emmim][NTF]	
	CAS: 174899-90-2 MW: 405.34 g/mol mp: -	
IL-409	1-Ethyl-2,3-Dimethylimidazolium trifluoromethanesulfonate [Emmim][OTF]	
	CAS: 174899-72-0 MW: 274.26 g/mol mp: -	

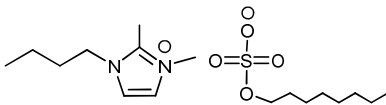
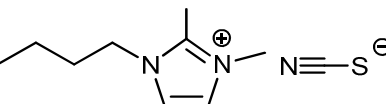
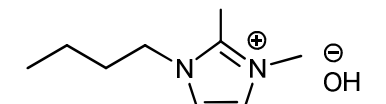
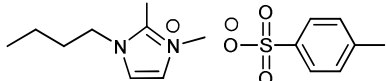
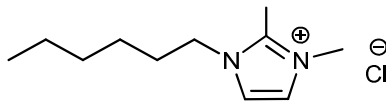
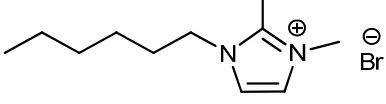
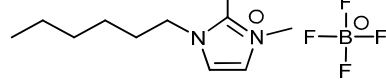
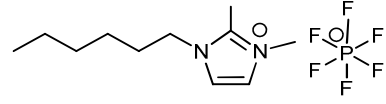
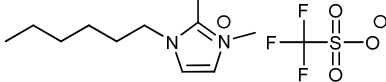
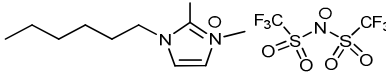


IL-410	1-Ethyl-2,3-Dimethylimidazolium methansulfonate [Emmim][MSO]	
	CAS: - MW: 220.29 g/mol mp: -	
IL-411	1-Propyl-2,3-Dimethylimidazolium bromide [Pmmim][Br]	
	CAS: 107937-17-7 MW: 219.12 g/mol mp: -	
IL-412	1-Propyl-2,3-Dimethylimidazolium Iodide [Pmmim][I]	
	CAS: 218151-78-1 MW: 266.12 g/mol mp: -	
IL-413	1-Propyl-2,3-Dimethylimidazolium tetrafluoroborate	
	CAS: 157310-72-0 MW: 226.02 g/mol mp: -	
IL-414	1-Propyl-2,3-Dimethylimidazolium hexafluorophosphate[Pmmim][PF6]	
	CAS: 157310-73-1 MW: 284.18 g/mol mp: -	
IL-415	1-Propyl-2,3-Dimethylimidazolium bis(trifluoromethylsulfonyl)imide [Pmmim][NTF]	
	CAS: 169051-76-7 MW: 419.36 g/mol mp: 15 °C	
IL-416	1-Butyl-2,3-Dimethylimidazolium chloride [Bmmim][Cl]	
	CAS: 98892-75-2 MW: 188.70 g/mol mp: 96-99 °C	
IL-417	1-Butyl-2,3-Dimethylimidazolium bromide [Bmmim][Br]	
	CAS: 475575-45-2 MW: 233.15 g/mol mp: -	
IL-418	1-Butyl-2,3-Dimethylimidazolium Iodide [Bmmim][I]	
	CAS: 108203-70-9 MW: 280 g/mol mp: 97 °C	
IL-419	1-Butyl-2,3-Dimethylimidazolium tetrafluoroborate [Bmmim][BF4]	
	CAS: 402846-78-0 MW: 240.05 g/mol mp: < - 50°C d 1.198	

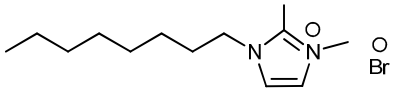
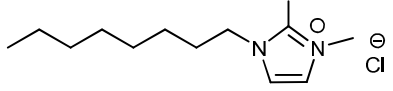
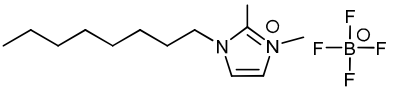
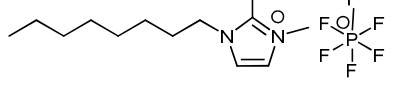
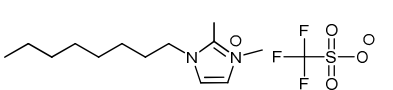
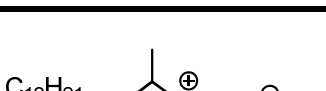
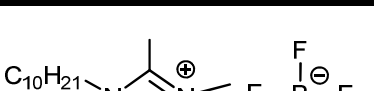
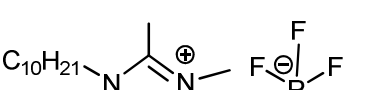
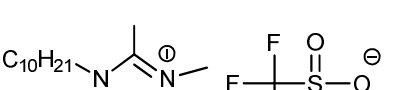


IL-420	1-Butyl-2,3-Dimethylimidazolium hexafluorophosphate	
	CAS: 227617-70-1 MW: 298.21 g/mol mp: 42°C d 1.345	
IL-421	1-Butyl-2,3-Dimethylimidazolium trifluoromethanesulfonate [Bmmim][OTf]	
	CAS: 765910-73-4 MW: 302.31 g/mol mp: 41°C	
IL-422	1-Butyl-2,3-Dimethylimidazolium bis(trifluoromethylsulfonyl)imide [Bmmim][NTf2]	
	CAS: 350493-08-2 MW: 433 g/mol mp:-	
IL-423	1-Butyl-2,3-Dimethylimidazolium hydrogen sulfate	
	CAS: 693226-64-1 MW: 250.32 g/mol mp: -	
IL-424	1-Butyl-2,3-Dimethylimidazolium methanesulfonate	
	CAS: 885456-22-4 MW: 248.34 g/mol mp: -	
IL-425	1-Butyl-2,3-Dimethylimidazolium dibutylphosphate	
	CAS: - MW: 362 g/mol mp: -	
IL-426	1-Butyl-2,3-Dimethylimidazolium dicyanamide [Bmmim][DCN]	
	CAS: 811789-67-0 MW: 217 g/mol mp: -	
IL-427	1-Butyl-2,3-Dimethylimidazolium hexafluorantimonate [Bmmim][SbF6]	
	CAS: 847069-14-1 MW: 389 g/mol mp: -	
IL-428	1-Butyl-2,3-Dimethylimidazolium nitrate [Bmmim][NO3]	
	CAS: 922521-06-0 MW: 215 g/mol mp: -	



IL-429	1-Butyl-2,3-Dimethylimidazolium octanesulfonate [Bmmim][OSU]	
	CAS: 945683-37-4 MW: 346 g/mol mp: -	
IL-430	1-Butyl-2,3-Dimethylimidazolium thiocyanate [Bmmim][SCN]	
	CAS: 673855-36-2 MW: 211 g/mol mp: -	
IL-431	1-Butyl-2,3-Dimethylimidazolium Hydroxide [Bmmim][OH]	
	CAS: 483184-44-7 MW: 170 g/mol mp: -	
IL-432	1-Butyl-2,3-Dimethylimidazolium p-Toluenesulfonate	
	CAS: 410522-18-8 MW: 324 g/mol mp: -	
IL-433	1-Hexyl-2,3-Dimethylimidazolium chloride [Hmmim][Cl]	
	CAS: 455270-59-4 MW: 216.75 g/mol mp: 46°C	
IL-434	1-Hexyl-2,3-Dimethylimidazolium bromide [Hmmim][Br]	
	CAS: 411222-01-0 MW: 261 g/mol mp: -	
IL-435	1-Hexyl-2,3-Dimethylimidazolium tetrafluoroborate	
	CAS: 384347-21-1 MW: 268 g/mol mp: -	
IL-436	1-Hexyl-2,3-Dimethylimidazolium hexafluorophosphate [Hmmim][PF6]	
	CAS: 653601-27-5 MW: 326 g/mol mp: -	
IL-437	1-Hexyl-2,3-Dimethylimidazolium trifluoromethanesulfonate [Hmmim][OTf]	
	CAS: 797789-01-6 MW: 330 g/mol mp: -	
IL-438	1-Hexyl-2,3-Dimethylimidazolium bis(trifluoromethylsulfonyl)imide [Hmmim][NTf2]	
	CAS: 384347-22-2 MW: g/mol mp: -	

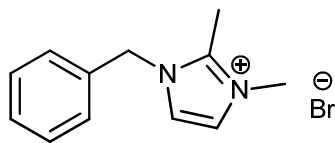
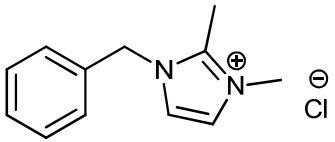
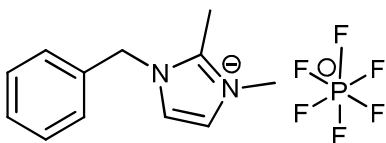
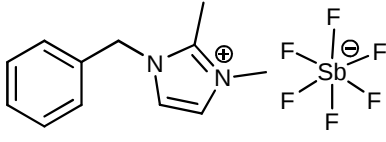
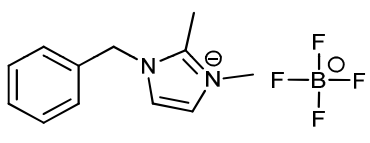
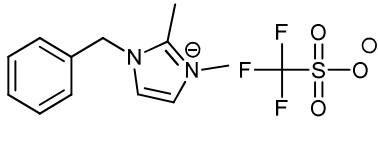
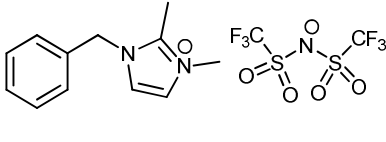
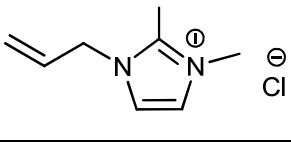
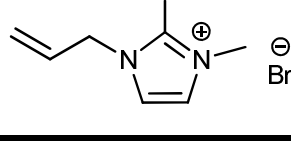


IL-439	1-Octyl-2,3-Dimethylimidazolium bromide [Ommim][Br]	
	CAS: 61546-09-6 MW: 289 g/mol mp: -	
IL-440	1-Octyl-2,3-Dimethylimidazolium chloride [Ommim][Cl]	
	CAS: 1007398-58-4 MW: 244 g/mol mp: -	
IL-441	1-Octyl-2,3-Dimethylimidazolium tetrafluoroborate [Ommim][BF₄]	
	CAS: 350493-10-6 MW: 296 g/mol mp: -	
IL-442	1-Octyl-2,3-Dimethylimidazolium hexafluorophosphate	
	CAS: 869578-59-6 MW: 354 g/mol mp: -	
IL-443	1-Octyl-2,3-Dimethylimidazolium trifluoromethanesulfonate [Ommim][OTf]	
	CAS: 865606-94-6 MW: 358 g/mol mp: -	
IL-444	1-Octyl-2,3-Dimethylimidazolium bis(trifluoromethylsulfonyl)imide [Ommim][NTf₂]	
	CAS: 350493-09-3 MW: 489.50 g/mol mp: -	
IL-445	1-Decyl-2,3-Dimethylimidazolium bromide	
	CAS: 21054-79-5 MW: 317 g/mol mp: -	
IL-446	1-Decyl-2,3-Dimethylimidazolium tetrafluoroborate	
	CAS: 640282-11-7 MW: 324 g/mol mp: -	
IL-447	1-Decyl-2,3-Dimethylimidazolium hexafluorophosphate	
	CAS: 640282-16-2 MW: 382 g/mol mp: -	
IL-448	1-Decyl-2,3-Dimethylimidazolium trifluoromethanesulfonate	
	CAS: - MW: 386 g/mol mp: -	

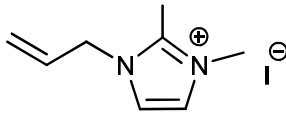
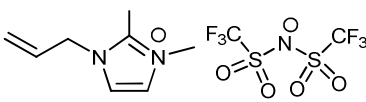
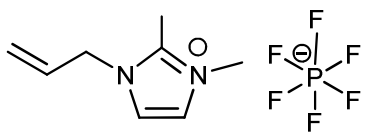
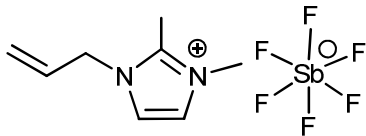
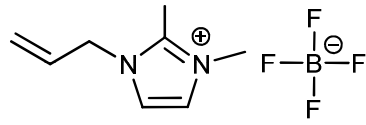


IL-449	1-Dodecyl-2,3-Dimethylimidazolium bromide	
	CAS: 61546-10-9 MW: 345 g/mol mp: -	
IL-450	1-Dodecyl-2,3-Dimethylimidazolium tetrafluoroborate	
	CAS: 676607-47-9 MW: 352.26 g/mol mp: -	
IL-451	1-Dodecyl-2,3-Dimethylimidazolium hexafluorophosphate	
	CAS: 676607-48-0 MW: 410.42 g/mol mp: -	
IL-452	1-Dodecyl-2,3-Dimethylimidazolium trifluoromethansulfonate	
	CAS: - MW: 414.53 g/mol mp: -	
IL-453	1-Dodecyl-2,3-Dimethylimidazolium	
	CAS: - MW: 546 g/mol mp: -	
IL-454	1-Hexadecyl-2,3-Dimethylimidazolium bromide	
	CAS: 61546-11-0 MW: 401 g/mol mp: -	
IL-455	1-Hexadecyl-2,3-Dimethylimidazolium tetrafluoroborate	
	CAS: 467443-06-7 MW: 408 g/mol mp: -	
IL-456	1-Hexadecyl-2,3-Dimethylimidazolium hexafluorophosphate	
	CAS: 640282-17-3 MW: 466 g/mol mp: -	
IL-457	1-Hexadecyl-2,3-Dimethylimidazolium trifluoromethansulfonate	
	CAS: - MW: 471 g/mol mp: -	
IL-458	1-Hexadecyl-2,3-Dimethylimidazolium bis(trifluoromethylsulfonyl)imide	
	CAS: - MW: 602 g/mol mp: -	

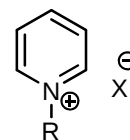


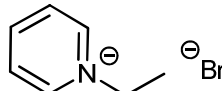
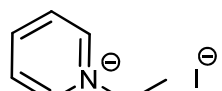
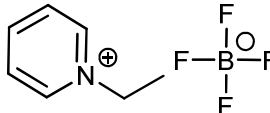
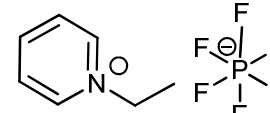
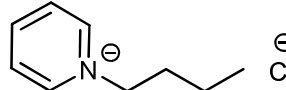
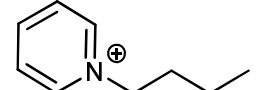
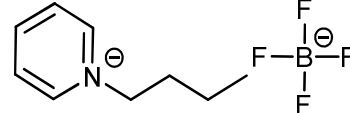
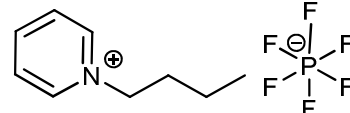
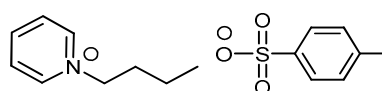
IL-459	1-Benzyl-2,3-Dimethylimidazolium bromide [Zmmim][Br]	
	CAS: 862999-80-2 MW: 267 g/mol mp: -	
IL-460	1-Benzyl-2,3-Dimethylimidazolium chloride [Zmmim][Cl]	
	CAS: 36443-79-5 MW: 223 g/mol mp: -	
IL-461	1-Benzyl-2,3-Dimethylimidazolium hexafluorophosphate [Zmmim][PF₆]	
	CAS: - MW: 332 g/mol mp: -	
IL-462	1-Benzyl-2,3-Dimethylimidazolium hexafluorantimonate [Zmmim][SbF₆]	
	CAS: - MW: 423 g/mol mp: -	
IL-463	1-Benzyl-2,3-Dimethylimidazolium tetrafluoroborate	
	CAS: 862999-75-5 MW: 274 g/mol mp: -	
IL-464	1-Benzyl-2,3-Dimethylimidazolium trifluoromethanesulfonate [Zmmim][OTf]	
	CAS: - MW: 336 g/mol mp: -	
IL-465	1-Benzyl-2,3-Dimethylimidazolium bis(trifluoromethylsulfonyl)imide [Zmmim][NTf₂]	
	CAS: 213011-04-2 MW: 467 g/mol mp: -	
IL-466	1-Allyl-2,3-Dimethylimidazolium bromide chloride [Ammim][Cl]	
	CAS: - MW: 173 g/mol mp: -	
IL-467	1-Allyl-2,3-Dimethylimidazolium bromide [Ammim][Br]	
	CAS: 693226-62-9 MW: 217 g/mol mp: -	



IL-468	1-Allyl-2,3-Dimethylimidazolium Iodide [Ammim][I]	
	CAS: 111732-86-6 MW: 264 g/mol mp: -	
IL-469	1-Allyl-2,3-Dimethylimidazolium bis(trifluoromethylsulfonyl)imide [Ammim][NTF]	
	CAS: 1005757-37-8 MW: 417 g/mol mp: -	
IL-470	1-Allyl-2,3-Dimethylimidazolium hexafluorophosphate	
	CAS: - MW: 282 g/mol mp: -	
IL-471	1-Allyl-2,3-Dimethylimidazolium hexafluorantimonate [Ammim][SbF₆]	
	CAS: - MW: 373 g/mol mp: -	
IL-472	1-Allyl-2,3-Dimethylimidazolium tetrafluoroborate [Ammim][BF₄]	
	CAS: 640282-12-8 MW: 224.01 g/mol mp: -	

II-1. N-substituent Pyridinium Ionic Liquids

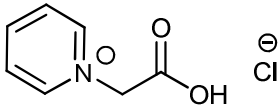
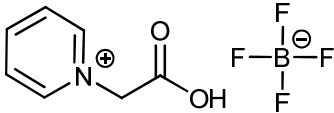
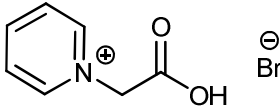
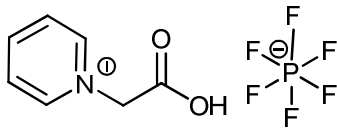
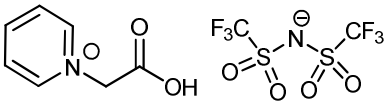
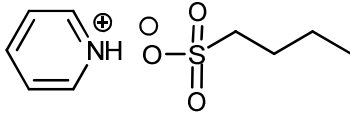


IL-501	N-Ethylpyridinium bromide [Epyr][Br]	
	CAS: 1906-79-2 MW: 188 g/mol mp: -	
IL-502	N-Ethylpyridinium iodide [Epyr][I]	
	CAS: - MW: 235 g/mol mp: -	
IL-503	N-Ethylpyridinium tetrafluoroborate [Epyr][BF₄]	
	CAS: - MW: 195 g/mol mp: -	
IL-504	N-Ethylpyridinium hexafluorophosphate [Epyr][PF₆]	
	CAS: - MW: 253 g/mol mp: -	
IL-505	N- Butylpyridinium chloride [Bpyr][Cl]	
	CAS: 1124-64-7 MW: 172 g/mol mp: 127°C	
IL-506	N-Butylpyridinium bromide [Bpyr][Br]	
	CAS: 874-80-6 MW: 216 g/mol mp: -	
IL-507	N-Butylpyridinium tetrafluoroborate [Bpyr][BF₄]	
	CAS: 203389-28-0 MW: 223 g/mol mp: -	
IL-508	N-Butylpyridinium hexafluorophosphate [Bpyr][PF₆]	
	CAS: 186088-50-6 MW: 281 g/mol mp: -	
IL-509	N-Butylpyridinium trifluoromethansulfonate [Bpyr][OTf]	
	CAS: 390423-43-5 MW: 285 g/mol mp: -	

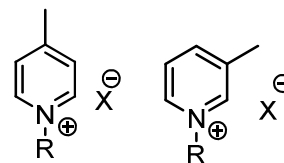


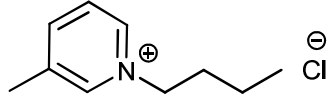
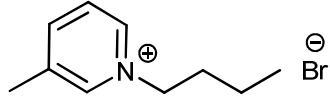
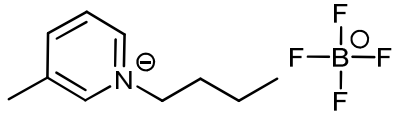
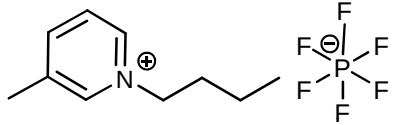
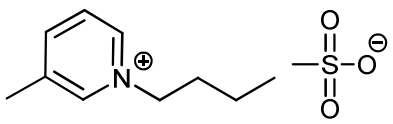
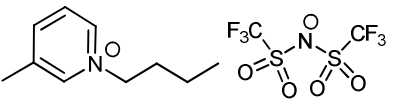
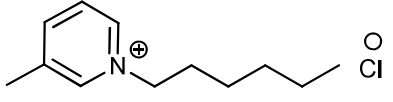
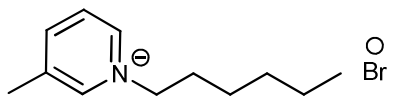
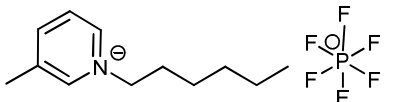
IL-510	N-Butylpyridinium bis(trifluoromethylsulfonyl)imide [Bpyr][NTF]	
	CAS: 187863-42-9 MW: 416 g/mol mp: -	
IL-511	N-Butylpyridinium methanesulfonate [Bpyr][MSO]	
	CAS: 342789-83-7 MW: 231 g/mol mp: -	
IL-512	N-Octylpyridinium chloride [Opyr][Cl]	
	CAS: 4086-73-1 MW: 228 g/mol mp: -	
IL-513	N-Octylpyridinium bromide [Opyr][Br]	
	CAS: - MW: 272 g/mol mp: -	
IL-514	N-Octylpyridinium tetrafluoroborate [Opyr][BF4]	
	CAS: - MW: 279 g/mol mp: -	
IL-515	N-Octylpyridinium hexafluorophosphate [Opyr][PF6]	
	CAS: - MW: 337 g/mol mp: -	
IL-516	N-Octylpyridinium bis(trifluoromethylsulfonyl)imide [Opyr][NTF]	
	CAS: 384347-06-2 MW: 472 g/mol mp: -	
IL-517	N-Hexadecylpyridinium bromide	
	CAS: 140-72-7 MW: 384 g/mol mp: 67 - 71 °C	
IL-518	N-Hexadecylpyridinium tetrafluoroborate	
	CAS: - MW: 391 g/mol mp: -	
IL-519	N-Hexadecylpyridinium hexafluorophosphate	
	CAS: - MW: 450 g/mol mp: -	



IL-520	N-Carboxymethylpyridinium chloride	
	CAS: 6266-23-5 MW: 174 g/mol mp: -	
IL-521	N-Carboxymethylpyridinium tetrafluoroborate	
	CAS: 107866-94-4 MW: 225 g/mol mp: -	
IL-522	N-Carboxymethylpyridinium bromide	
	CAS: 45811-13-0 MW: 218 g/mol mp: -	
IL-523	N-Carboxymethylpyridinium hexafluorophosphate	
	CAS: 920520-52-1 MW: 283 g/mol mp: -	
IL-524	N-Carboxymethylpyridinium bis(trifluoromethylsulfonyl)imide	
	CAS: 1000623-75-5 MW: 418g/mol mp: -	
IL-525	Pyridinium sulfobutylolactone	
	CAS: 21876-43-7 MW: 217 g/mol mp: -	

II-2. Disubstituent Pyridinium Ionic Liquids

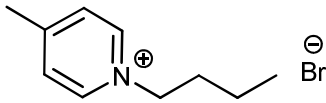
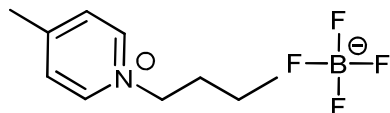
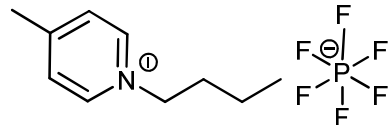
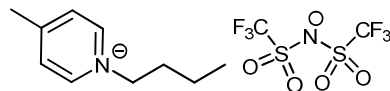
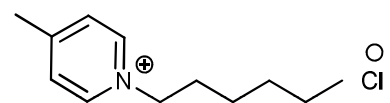
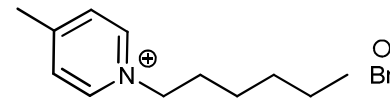
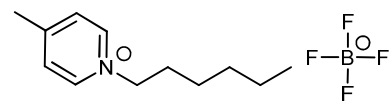
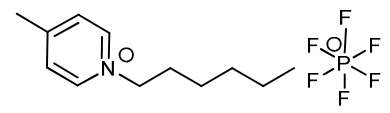
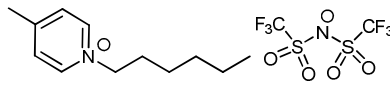
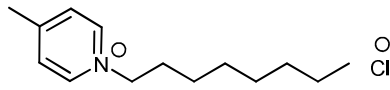


IL-601	1-Butyl-3-methylpyridinium chloride [B3mpyr][Cl]	
	CAS: 125652-55-3	
	MW: 186 g/mol	
	mp: 117°C	
IL-602	1-Butyl-3-methylpyridinium bromide [B3mpyr][Br]	
	CAS: 26576-85-2	
	MW: 230 g/mol	
	mp: 138°C	
IL-603	1-Butyl-3-methylpyridinium tetrafluoroborate [B3mpyr][BF₄]	
	CAS: 597581-48-1	
	MW: 237 g/mol	
	mp: < - 50°C	
IL-604	1-Butyl-3-methylpyridinium hexafluorophosphate [B3mpyr][PF₆]	
	CAS: 845835-03-2	
	MW: 295 g/mol	
	mp: -	
IL-605	1-Butyl-3-methylpyridinium methanesulfonate [B3mpyr][MSO]	
	CAS: 946052-36-4	
	MW: 245 g/mol	
	mp: -	
IL-606	1-Butyl-3-methylpyridinium bis(trifluoromethylsulfonyl)imide [B3mpyr][NTF]	
	CAS: 344790-86-9	
	MW: 430 g/mol	
	mp: - d 1.400	
IL-607	1-Hexyl-3-methylpyridinium chloride [H3mpyr][Cl]	
	CAS: 916730-40-0	
	MW: 214 g/mol	
	mp: -	
IL-608	1-Hexyl-3-methylpyridinium bromide [H3mpyr][Br]	
	CAS: 67021-56-1	
	MW: 258 g/mol	
	mp: -	
IL-609	1-Hexyl-3-methylpyridinium tetrafluoroborate [H3mpyr][BF₄]	
	CAS: -	
	MW: 265 g/mol	
	mp: -	



IL-610	1-Hexyl-3-methylpyridinium hexafluorophosphate [H3mpyr][PF6]	
	CAS: 942196-38-5 MW: 323 g/mol mp: -	
IL-611	1-Hexyl-3-methylpyridinium bis(trifluoromethylsulfonyl)imide [H3mpyr][NTF]	
	CAS: 547718-92-3 MW: 458 g/mol mp: -	
IL-612	1-Hexyl-3-methylpyridinium methanesulfonate [H3mpyr][MSO]	
	CAS: 929602-04-0 MW: 273 g/mol mp: -	
IL-613	1-Octyl-3-methylpyridinium chloride [O3mpyr][Cl]	
	CAS: 864461-36-9 MW: 242 g/mol mp: -	
IL-614	1-Octyl-3-methylpyridinium bromide [O3mpyr][Br]	
	CAS: 872672-72-5 MW: 286 g/mol mp: -	
IL-615	1-Octyl-3-methylpyridinium tetrafluoroborate [O3mpyr][BF4]	
	CAS: 712355-10-7 MW: 293 g/mol mp: -	
IL-616	1-Octyl-3-methylpyridinium hexafluorophosphate [O3mpyr][PF6]	
	CAS: 888974-75-2 MW: 351 g/mol mp: -	
IL-617	1-Octyl-3-methylpyridinium trifluoromethanesulfonate	
	CAS: 929602-03-9 MW: 355 g/mol mp: -	
IL-618	1-Octyl-3-methylpyridinium bis(trifluoromethylsulfonyl)imide [O3mpyr][NTF]	
	CAS: 712355-02-7 MW: 486 g/mol mp: -	
IL-619	1-Butyl-4-methylpyridinium chloride [B4mpyr][Cl]	
	CAS: 112400-86-9 MW: 186 g/mol mp: 158-160 °C	

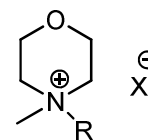


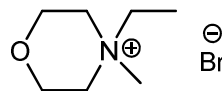
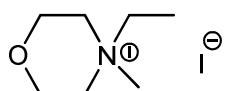
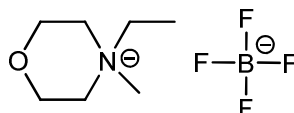
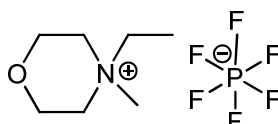
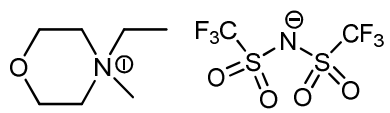
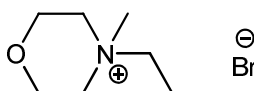
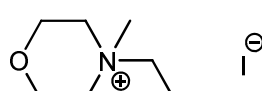
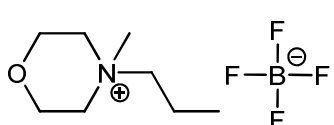
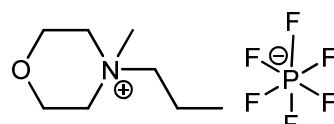
IL-620	1-Butyl-4-methylpyridinium bromide [B4mpyr][Br]	
	CAS: 65350-59-6	
	MW: 230 g/mol mp: 134-136 °C	
IL-621	1-Butyl-4-methylpyridinium tetrafluoroborate [B4mpyr][BF₄]	
	CAS: 343952-33-0	
	MW: 237 g/mol mp: - 65°C d 1.20	
IL-622	1-Butyl-4-methylpyridinium hexafluorophosphate [B4mpyr][PF₆]	
	CAS: 401788-99-6	
	MW: 295 g/mol mp: ~45 °C	
IL-623	1-Butyl-4-methylpyridinium bis(trifluoromethylsulfonyl)imide [B4mpyr][NTF]	
	CAS: 475681-62-0	
	MW: 430 g/mol mp: -	
IL-624	1-Hexyl-4-methylpyridinium chloride [H4mpyr][Cl]	
	CAS: 62409-49-8	
	MW: 214 g/mol mp: -	
IL-625	1-Hexyl-4-methylpyridinium bromide [H4mpyr][Br]	
	CAS: 70850-60-1	
	MW: 258 g/mol mp: -	
IL-626	1-Hexyl-4-methylpyridinium tetrafluoroborate [H4mpyr][BF₄]	
	CAS: 95242-73-1	
	MW: 265 g/mol mp: -	
IL-627	1-Hexyl-4-methylpyridinium hexafluorophosphate [H4mpyr][PF₆]	
	CAS: 929897-32-5	
	MW: 323 g/mol mp: -	
IL-628	1-Hexyl-4-methylpyridinium bis(trifluoromethylsulfonyl)imide [H4mpyr][NTF]	
	CAS: 870296-13-2	
	MW: 458 g/mol mp: -	
IL-629	1-Octyl-4-methylpyridinium chloride [O4mpyr][Cl]	
	CAS: 141645-91-2	
	MW: 241 g/mol mp: -	



IL-630	1-Octyl-4-methylpyridinium bromide [O4mpyr][Br]	
	CAS: 70850-61-2 MW: 286 g/mol mp: -	
IL-631	1-Octyl-4-methylpyridinium tetrafluoroborate [O4mpyr][BF₄]	
	CAS: 936239-96-2 MW: 293 g/mol mp: -	
IL-632	1-Octyl-4-methylpyridinium hexafluorophosphate [O4mpyr][PF₆]	
	CAS: - MW: 351 g/mol mp: -	
IL-633	1-Octyl-4-methylpyridinium bis(trifluoromethylsulfonyl)imide [O4mpyr][NTF]	
	CAS: 712355-04-9 MW: 486 g/mol mp: -	
IL-634	1-Sulfoethyl-3-methylpyridinium hydrogensulfate	
	CAS: 827320-61-6 MW: 327 g/mol mp: -	
IL-635	1-Sulfoethyl-3-methylpyridinium trifluoromethanesulfonate	
	CAS: 855785-75-0 MW: 379 g/mol mp: -	
IL-636	1-Sulfoethyl-3-methylpyridinium p-Toluenesulfonate	
	CAS: 855785-77-2 MW: 402 g/mol mp: -	

III. Morpholine Ionic Liquids

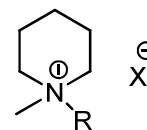


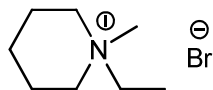
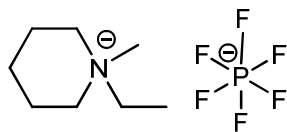
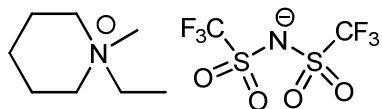
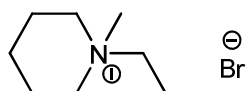
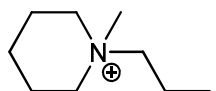
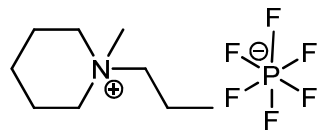
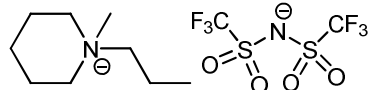
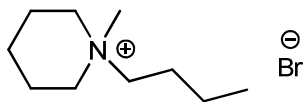
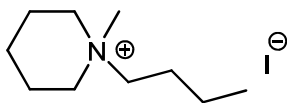
IL-701	N-Ethyl-N-methylmorpholinium bromide [Emmo][Br]	
	CAS: 65756-41-4 MW: 210 g/mol mp: -	
IL-702	N-Ethyl-N-methylmorpholinium iodide [Emmo][I]	
	CAS: 4186-70-3 MW: 257 g/mol mp: -	
IL-703	N-Ethyl-N-methylmorpholinium tetrafluoroborate [Emmo][BF₄]	
	CAS: 117947-86-1 MW: 217 g/mol mp: -	
IL-704	N-Ethyl-N-methylmorpholinium hexafluorophosphate	
	CAS: 134353-08-5 MW: 275 g/mol mp: -	
IL-705	N-Ethyl-N-methylmorpholinium bis(trifluoromethylsulfonyl)imide [Emmo][NTF]	
	CAS: 706785-83-3 MW: 410 g/mol mp: -	
IL-706	N-Methyl-N-propylmorpholinium bromide [Mpmo][Br]	
	CAS: - MW: 224 g/mol mp: -	
IL-707	N-Methyl-N-propylmorpholinium iodide [Mpmo][I]	
	CAS: 93627-54-4 MW: 271 g/mol mp: -	
IL-708	N-Methyl-N-propylmorpholinium tetrafluoroborate [Mpmo][BF₄]	
	CAS: - MW: 231 g/mol mp: -	
IL-709	N-Methyl-N-propylmorpholinium hexafluorophosphate	
	CAS: 696600-68-7 MW: 289 g/mol mp: -	



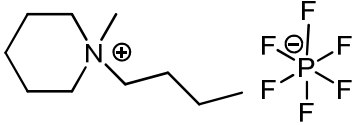
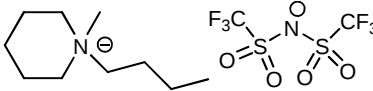
IL-710	N-Methyl-N-propylmorpholinium bis(trifluoromethylsulfonyl)imide [Emmo][NTF] CAS: 696600-63-2 MW: 424 g/mol mp: -	
IL-711	N-Butyl-N-methylmorpholinium bromide [Bmmo][Br] CAS: 75174-77-5 MW: 238 g/mol mp: -	
IL-712	N-Butyl-N-methylmorpholinium iodide [Bmmo][I] CAS: 93627-55-5 MW: 285 g/mol mp: -	
IL-713	N-Butyl-N-methylmorpholinium tetrafluoroborate [Bmmo][BF4] CAS: 384347-59-5 MW: 245 g/mol mp: -	
IL-714	N-Butyl-N-methylmorpholinium hexafluorophosphate CAS: 876690-60-7 MW: 303 g/mol mp: -	
IL-715	N-Butyl-N-methylmorpholinium bis(trifluoromethylsulfonyl)imide [Bmmo][NTF] CAS: 324574-95-0 MW: 438 g/mol mp: -	

IV. Piperidine Ionic Liquids

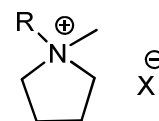


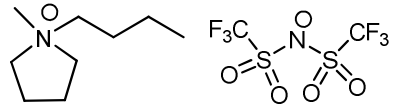
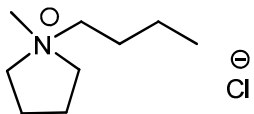
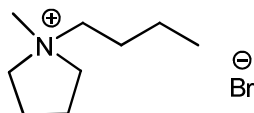
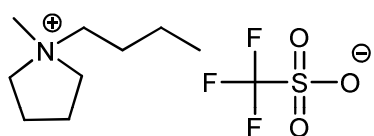
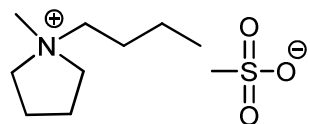
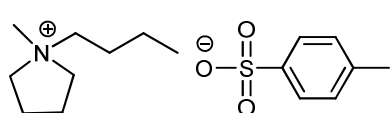
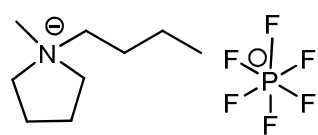
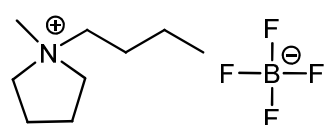
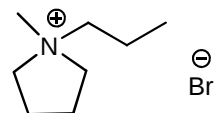
IL-801	1-Ethyl-1-methylpiperidine bromide	
	CAS: 54644-39-2 MW: 208 g/mol mp: -	
IL-802	1-Ethyl-1-methylpiperidine hexafluorophosphate	
	CAS: 121031-49-0 MW: 273 g/mol mp: -	
IL-803	1-Ethyl-1-methylpiperidine bis(trifluoromethylsulfonyl)imide	
	CAS: 927820-65-3 MW: 408 g/mol mp: -	
IL-804	1-Methyl-1-propylpiperidine bromide	
	CAS: 88840-42-0 MW: 222 g/mol mp: -	
IL-805	1-Methyl-1-propylpiperidine iodide	
	CAS: 17874-63-4 MW: 269 g/mol mp: -	
IL-806	1-Methyl-1-propylpiperidine hexafluorophosphate	
	CAS: - MW: 287 g/mol mp: -	
IL-807	1-Methyl-1-propylpiperidine bis(trifluoromethylsulfonyl)imide	
	CAS: 608140-12-1 MW: 422 g/mol mp: -	
IL-808	1-Butyl-1-methylpiperidine bromide	
	CAS: 94280-72-5 MW: 236 g/mol mp: -	
IL-809	1-Butyl-1-methylpiperidine iodide	
	CAS: 37971-78-1 MW: 283 g/mol mp: -	



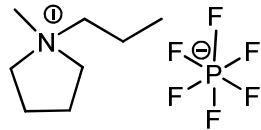
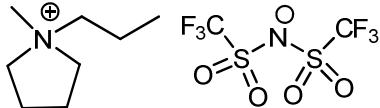
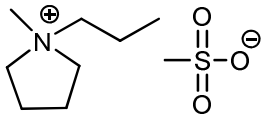
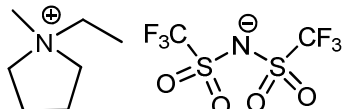
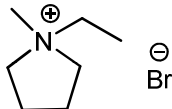
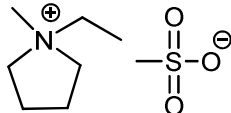
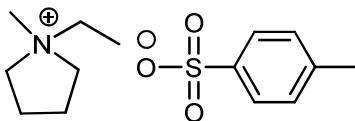
IL-810	1-Butyl-1-methylpiperidine hexafluorophosphate	
	CAS: - MW: 301 g/mol mp: -	
IL-811	1-Butyl-1-methylpiperidine bis(trifluoromethylsulfonyl)imide	
	CAS: 623580-02-9 MW: 436 g/mol mp: -	

V. Pyrrolidine Ionic Liquids

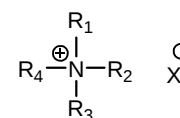


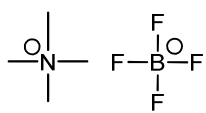
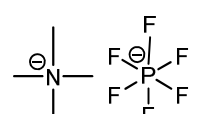
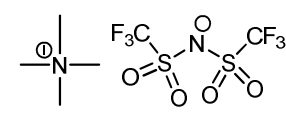
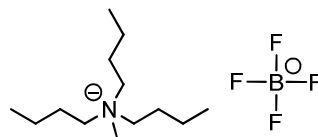
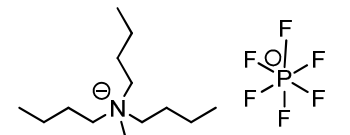
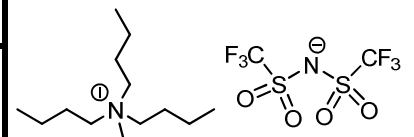
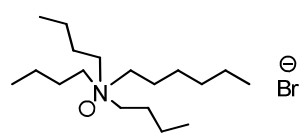
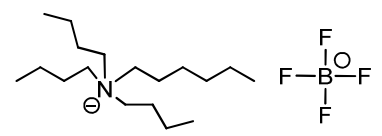
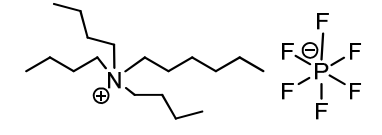
IL-901	N-Butyl-1-methylpyrrolidine bis(trifluoromethylsulfonyl)imide [Bmpl][NTF]	
	CAS: 223437-11-4 MW: 422 g/mol mp: -6°C	
IL-902	N-Butyl-1-methylpyrrolidine chloride [Bmpl][Cl]	
	CAS: 479500-35-1 MW: 177 g/mol mp: 106°C	
IL-903	N-Butyl-1-methylpyrrolidine bromide [Bmpl][Br]	
	CAS: 93457-69-3 MW: 222 g/mol mp: 215°C	
IL-904	N-Butyl-1-methylpyrrolidine trifluoromethanesulfonate	
	CAS: 367522-96-1 MW: 291 g/mol mp: 3°C	
IL-905	N-Butyl-1-methylpyrrolidine methanesulfonate [Bmpl][MSO]	
	CAS: 501943-05-1 MW: 237 g/mol mp: -	
IL-906	N-Butyl-1-methylpyrrolidine p-Toluenesulfonate [Bmpl][OTS]	
	CAS: - MW: 313 g/mol mp: -	
IL-907	N-Butyl-1-methylpyrrolidine hexafluorophosphate [Bmpl][PF₆]	
	CAS: 330671-29-9 MW: 287 g/mol mp: -	
IL-908	N-Butyl-1-methylpyrrolidine tetrafluoroborate [Bmpl][BF₄]	
	CAS: 345974-11-4 MW: 229 g/mol mp: -	
IL-909	N-Methyl-1-propylpyrrolidine bromide [Mppl][Br]	
	CAS: 608140-09-6 MW: 208 g/mol mp: -	



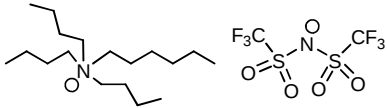
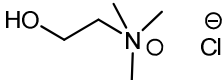
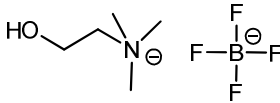
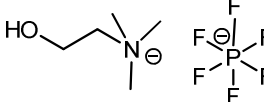
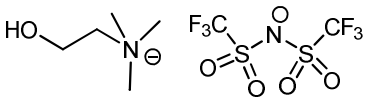
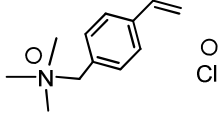
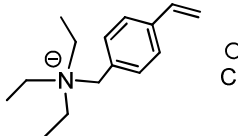
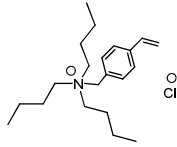
IL-910	N-Methyl-1-propylpyrrolidine hexafluorophosphate [Mppl][PF₆]	
	CAS: 327022-58-2 MW: 273 g/mol mp: -	
IL-911	N-Methyl-1-propylpyrrolidine bis(trifluoromethylsulfonyl)imide [Mppl][NTF]	
	CAS: 223437-05-6 MW: 408 g/mol mp: -	
IL-912	N-Methyl-1-propylpyrrolidine methanesulfonate [Mppl][MSO]	
	CAS: 501943-04-0 MW: 223 g/mol mp: -	
IL-913	N-Ethyl-1-methylpyrrolidine bis(trifluoromethylsulfonyl)imide [Empl][NTF]	
	CAS: 223436-99-5 MW: 394 g/mol mp: 88 °C	
IL-914	N-Ethyl-1-methylpyrrolidine bromide [Empl][Br]	
	CAS: 69227-51-6 MW: 194 g/mol mp: -	
IL-915	N-Ethyl-1-methylpyrrolidine methanesulfonate [Empl][MSO]	
	CAS: 501943-03-9 MW: 209 g/mol mp: -	
IL-916	N-Ethyl-1-methylpyrrolidine p-Toluenesulfonate [Empl][OTS]	
	CAS: 501942-96-7 MW: 285 g/mol mp: -	

VI. Quarternary ammonium Ionic Liquids

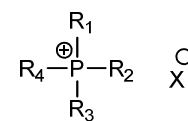


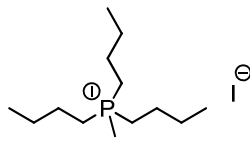
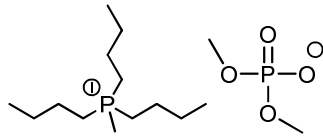
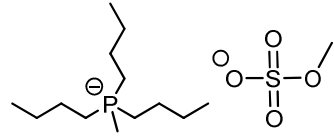
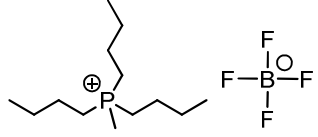
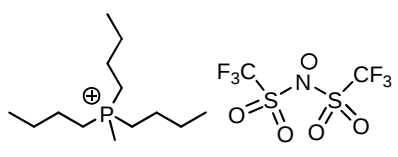
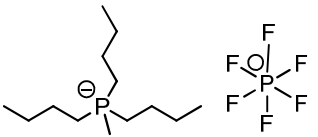
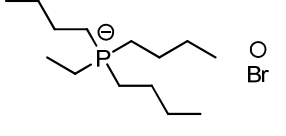
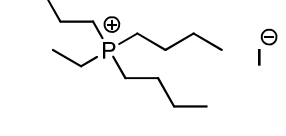
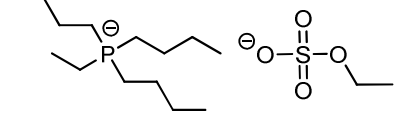
IL-A01	Tetramethylammonium tetrafluoroborate [Nm4][BF₄]	
	CAS: - MW: 161 g/mol mp: -	
IL-A02	Tetramethylammonium hexafluorophosphate [Nm4][PF₆]	
	CAS: 558-32-7 MW: 219 g/mol mp: > 300 °C	
IL-A03	Tetramethylammonium bis(trifluoromethylsulfonyl)imide	
	CAS: - MW: 354 g/mol mp: -	
IL-A04	Tributylmethylammonium tetrafluoroborate [Nb3m][BF₄]	
	CAS: - MW: 287 g/mol mp: -	
IL-A05	Tributylmethylammonium hexafluorophosphate [Nb3m][PF₆]	
	CAS: 154883-01-9 MW: 345 g/mol mp: -	
IL-A06	Tributylmethylammonium bis(trifluoromethylsulfonyl)imide [Nb3m] [NTF]	
	CAS: - MW: 481 g/mol mp: -	
IL-A07	Tributylhexylammonium bromide [Nb3h][Br]	
	CAS: 37026-90-7 MW: 350 g/mol mp: -	
IL-A08	Tributylhexylammonium tetrafluoroborate [Nb3h][BF₄]	
	CAS: - MW: 357 g/mol mp: -	
IL-A09	Tributylhexylammonium hexafluorophosphate [Nb3h][PF₆]	
	CAS: - MW: 415 g/mol mp: -	



IL-A10	Tributylhexylammonium bis(trifluoromethylsulfonyl)imide [Nb3h][NTF]	
	CAS: 210230-49-2 MW: 551 g/mol mp: -	
IL-A11	2-Hydroxyethyltrimethylamine chloride	
	CAS: 67-48-1 MW: 140 g/mol mp: 244 - 247C D: 1.205 g/cm ³	
IL-A12	2-Hydroxyl-N,N,N-Trimethylethylamine tetrafluoroborate	
	CAS: 152218-75-2 MW: 191 g/mol mp: -	
IL-A13	2-Hydroxyl-N,N,N-Trimethylethylamine hexafluorophosphate	
	CAS: 1040887-91-9 MW: 249 g/mol mp: -	
IL-A14	2-Hydroxyl-N,N,N-Trimethylethylamine bis(trifluoromethylsulfonyl)imid	
	CAS: 827027-25-8 MW: 384 g/mol mp: -	
IL-A15	1-Trimethyl-(4-vinylbenzyl)aminium chloride	
	CAS: 7538-38-7 MW: 212 g/mol mp: -	
IL-A16	1-Triethyl-(4-vinylbenzyl)aminium chloride	
	CAS: 14350-43-7 MW: 254 g/mol mp: -	
IL-A17	1-Tributyl-(4-vinylbenzyl)aminium chloride	
	CAS: - MW: 338 g/mol mp: -	

VII. Phosphonium Ionic Liquids

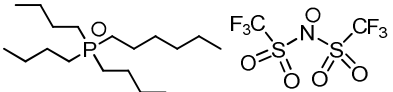
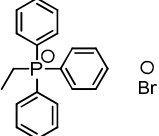
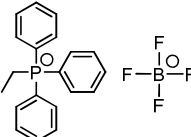
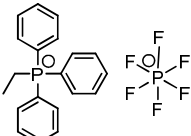
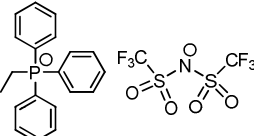
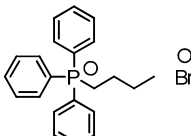
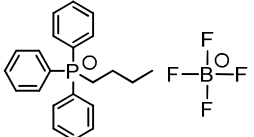
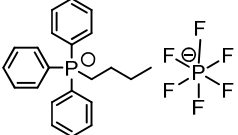
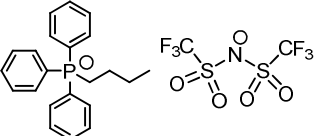
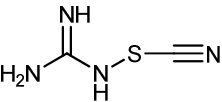


IL-B01	Methyltributylphosphonium iodide [Pmb3][I]	
	CAS: 1702-42-7 MW: 344 g/mol mp: -	
IL-B02	Methyltributylphosphonium dimethylphosphate [Pmb3][DMP]	
	CAS: 20445-88-9 MW: 342 g/mol mp: -	
IL-B03	Methyltributylphosphonium methylsulfate [Pmb3][MSU]	
	CAS: 69056-62-8 MW: 238 g/mol mp: 38°C d 1.027 g/mL ³	
IL-B04	Methyltributylphosphonium tetrafluoroborate [Pmb3][BF4]	
	CAS: 86042-82-2 MW: 304 g/mol mp: -	
IL-B05	Methyltributylphosphonium bis(trifluoromethylsulfonyl)imide [Pmb3][NTF]	
	CAS: 324575-10-2 MW: 498 g/mol mp: -	
IL-B06	Methyltributylphosphonium hexafluorophosphate [Pmb3][PF6]	
	CAS: 338729-32-1 MW: 362 g/mol mp: -	
IL-B07	Ethyltributylphosphonium bromide [Peb3][Br]	
	CAS: 7392-50-9 MW: 311 g/mol mp: -	
IL-B08	Ethyltributylphosphonium iodide [Peb3][I]	
	CAS: 54884-46-7 MW: 358 g/mol mp: -	
IL-B09	Ethyltributylphosphonium ethylsulfate [Peb3][ESU]	
	CAS: 654057-98-4 MW: 357 g/mol mp: -	



IL-B10	Ethyltributylphosphonium tetrafluoroborate [Peb3][BF4]	
	CAS: - MW: 318 g/mol mp: -	
IL-B11	Ethyltributylphosphonium hexafluorophosphate [Peb3][PF6]	
	CAS: - MW: 376 g/mol mp: -	
IL-B12	Ethyltributylphosphonium bis(trifluoromethylsulfonyl)imide [Peb3][NTF]	
	CAS: 910226-51-6 MW: 512 g/mol mp: -	
IL-B13	Tetrabutylphosphonium bromide [Pb4][Br]	
	CAS: 3115-68-2 MW: 339 g/mol mp: 102-104 °C	
IL-B14	Tetrabutylphosphonium tetrafluoroborate [Pb4][BF4]	
	CAS: 1813-60-1 MW: 346 g/mol mp: 96 - 99 °C	
IL-B15	Tetrabutylphosphonium hexafluorophosphate [Pb4][PF6]	
	CAS: 111928-21-3 MW: 404 g/mol mp: 226 - 228 °C	
IL-B16	Tetrabutylphosphonium bis(trifluoromethylsulfonyl)imide	
	CAS: - MW: 540 g/mol mp: -	
IL-B17	Hexyltributylphosphonium bromide [Phb3][Br]	
	CAS: 105890-71-9 MW: 367 g/mol mp: -	
IL-B18	Hexyltributylphosphonium tetrafluoroborate [Phb3][BF4]	
	CAS: 937249-96-2 MW: 374 g/mol mp: -	
IL-B19	Hexyltributylphosphonium hexafluorophosphate [Phb3][PF6]	
	CAS: 1049619-53-5 MW: 432 g/mol mp: -	



IL-B20	Hexyltributylphosphonium bis(trifluoromethylsulfonyl)imide [Phb3][NTF]	
	CAS: - MW: 568 g/mol mp: -	
IL-B21	Ethyltriphenylphosphonium bromide [Peph3][Br]	
	CAS: 1530-32-1 MW: 371 g/mol mp: 203 - 205 °C	
IL-B22	Ethyltriphenylphosphonium tetrafluoroborate [Peph3][BF4]	
	CAS: 2994-53-8 MW: 378 g/mol mp: -	
IL-B23	Ethyltriphenylphosphonium hexafluorophosphate [Peph3][PF6]	
	CAS: 88021-14-4 MW: 436 g/mol mp: -	
IL-B24	Ethyltriphenylphosphonium bis(trifluoromethylsulfonyl)imide [Peph3][NTF]	
	CAS: 874989-77-2 MW: 571 g/mol mp: -	
IL-B25	Butyltriphenylphosphonium bromide [Pbph3][Br]	
	CAS: 1779-51-7 MW: 399 g/mol mp: 240 °C	
IL-B26	Butyltriphenylphosphonium tetrafluoroborate [Pbph3][BF4]	
	CAS: 51230-11-6 MW: 406 g/mol mp: -	
IL-B27	Butyltriphenylphosphonium hexafluorophosphate [Pbph3][PF6]	
	CAS: 116737-98-5 MW: 464 g/mol mp: -	
IL-B28	Butyltriphenylphosphonium bis(trifluoromethylsulfonyl)imide [Pbph3][NTF]	
	CAS: 874989-79-4 MW: 600 g/mol mp: -	
IL-B29	Guanidine thiocyanate	
	CAS: 593-84-0 MW: 116.14 g/mol mp: 115-121 °C d 1.103	

■ CAS Registry Numbers (1)

CAS	NAME	Prod	Page
1000623-75-5	N-Carboxymethylpyridinium bis(trifluoromethylsulfonyl)imide	IL-524	40
1000623-75-5	N-Carboxymethylpyridinium bis(trifluoromethylsulfonyl)imide	IL-524	40
1005328-08-4	1-Propyl-3-methylimidazolium acetate[Pmim][CH ₃ COO]	IL-051	6
1005735-56-7	1-Benzyl-3-methylimidazolium methylsulfate [Zmim][MSU]	IL-149	15
1005735-57-8	1-Benzyl-3-methylimidazolium acetate [Zmim][CH ₃ COO]	IL-162	17
1005757-37-8	1-Allyl-2,3-Dimethylimidazolium bis(trifluoromethylsulfonyl)imide [Ammim][NTF]	IL-469	37
1007398-58-4	1-Octyl-2,3-Dimethylimidazolium chloride [Ommim][Cl]	IL-440	34
100894-64-2	1-Allyl-3-vinylimidazolium chloride [Avmim][Cl]	IL-359	28
1033461-44-7	1-Butyl-3-vinylimidazolium tetrafluoroborate [Bvmim][BF ₄]	IL-333	26
1033461-45-8	1-Butyl-3-vinylimidazolium bromide[Bvmim][Br]	IL-332	26
1034364-43-6	1-Ethyl-3-vinylimidazolium hexafluorophosphate [Evmim][PF ₆]	IL-306	23
1040887-91-9	2-Hydroxyl-N,N,N-Trimethylethylamine hexafluorophosphate	IL-A13	52
1049619-53-5	Hexyltributylphosphonium hexafluorophosphate [Phb3][PF ₆]	IL-B19	54
1052102-05-2	1-Propyl-3-methylimidazolium trifluoromethanesulfonate [Pmim][OTf]	IL-045	5
1057409-91-2	1-Decyl-3-methylimidazolium nitrate	IL-105	11
105890-71-9	Hexyltributylphosphonium bromide [Phb3][Br]	IL-B17	54
1072788-73-8	1-Allyl-3-vinylimidazolium bromide [Avmim][Br]	IL-360	29
1072788-74-9	1-(Cyanomethyl)-3-vinylimidazolium bromide	IL-187	19
1072788-90-9	1-Vinyl-3-methylimidazolium nitrate [Vmim][NO ₃]	IL-215	22
1072788-91-0	1-Vinyl-3-methylimidazolium perchlorate [Vmim][ClO ₄]	IL-214	22
107866-94-4	N-Carboxymethylpyridinium tetrafluoroborate	IL-521	40
107937-17-7	1-Propyl-2,3-Dimethylimidazolium bromide [Pmmim][Br]	IL-411	31
108203-70-9	1-Butyl-2,3-Dimethylimidazolium Iodide [Bmmim][I]	IL-418	31
1109210-45-8	1-Ethyl-3-vinylimidazolium acetate [Evmim][CH ₃ COO]	IL-315	24
111732-86-6	1-Allyl-2,3-Dimethylimidazolium Iodide [Ammim][I]	IL-468	37
111928-21-3	Tetrabutylphosphonium hexafluorophosphate [Pb4][PF ₆]	IL-B15	54
112400-86-9	1-Butyl-4-methylpyridinium chloride [B4mpyr][Cl]	IL-619	42
1124-64-7	N- Butylpyridinium chloride [Bpyr][Cl]	IL-505	38
114569-84-5	1-Dodecyl-3-methylimidazolium chloride	IL-109	11
116737-98-5	Butyltriphenylphosphonium hexafluorophosphate [Pbph3][PF ₆]	IL-B27	55
117947-86-1	N-Ethyl-N-methylmorpholinium tetrafluoroborate [Emmo][BF ₄]	IL-703	45
119171-18-5	1-Propyl-3-methylimidazolium iodide [Pmim][I]	IL-040	5
121031-49-0	1-Ethyl-1-methylpiperidine hexafluorophosphate	IL-802	47
121091-30-3	1,3-Dimethylimidazolium trifluoromethanesulfonate [Mmim][OTf]	IL-006	1
125652-55-3	1-Butyl-3-methylpyridinium chloride [B3mpyr][Cl]	IL-601	41
131566-27-3	1-Ethyl-3-vinylimidazolium Iodide [Evmim][I]	IL-302	23
132361-22-9	1-Hexadecyl-3-methylimidazolium bromide	IL-135	14
134353-08-5	N-Ethyl-N-methylmorpholinium hexafluorophosphate [Emmo][PF ₆]	IL-704	45
140-72-7	N-Hexadecylpyridinium bromide	IL-517	39
141085-40-7	1-Ethyl-2,3-Dimethylimidazolium Iodide [Emmim][I]	IL-405	30
141645-91-2	1-Octyl-4-methylpyridinium chloride [O4mpyr][Cl]	IL-629	43
143314-14-1	1-Ethyl-3-methylimidazolium nitrate [Emim][NO ₃]	IL-023	3
143314-16-3	1-Ethyl-3-methylimidazolium tetrafluoroborate [Emim][BF ₄]	IL-020	3

■ CAS Registry Numbers (2)

CAS	NAME	Prod	Page
143314-17-4	1-Ethyl-3-methylimidazolium acetate [Emim][CH ₃ COO]	IL-030	4
14350-43-7	1-Triethyl-(4-vinylbenzyl)aminium chloride	IL-A16	52
145022-44-2	1-Ethyl-3-methylimidazolium trifluoromethanesulfonate [Emim][OTf]	IL-024	3
145022-45-3	1-Ethyl-3-methylimidazolium methanesulfonate [Emim][MSO]	IL-028	3
152218-75-2	2-Hydroxy-N,N,N-Trimethylethylamine tetrafluoroborate	IL-A12	52
1530-32-1	Ethyltriphenylphosphonium bromide [Peph3][Br]	IL-B21	55
154312-63-7	1-(Cyanomethyl)-3-methylimidazolium chloride	IL-182	19
154883-01-9	Tributylmethylammonium hexafluorophosphate [Nb3m][PF ₆]	IL-A05	51
155371-19-0	1-Ethyl-3-methylimidazolium hexafluorophosphate [Emim][PF ₆]	IL-021	3
157310-72-0	1-Propyl-2,3-Dimethylimidazolium tetrafluoroborate [Pmmim][BF ₄]	IL-413	31
157310-73-1	1-Propyl-2,3-Dimethylimidazolium hexafluorophosphate [Pmmim][PF ₆]	IL-414	31
169051-76-7	1-Propyl-2,3-Dimethylimidazolium bis(trifluoromethylsulfonyl)imide [Pmmim][NTf ₂]	IL-415	31
1702-42-7	Methyltributylphosphonium iodide [Pmb3][I]	IL-B01	53
171058-17-6	1-Hexyl-3-methylimidazolium chloride [Hmim][Cl]	IL-071	8
171058-18-7	1-Decyl-3-methylimidazolium chloride	IL-097	10
171058-21-2	1-Tetradecyl-3-methylimidazolium chloride	IL-121	13
174501-64-5	1-Butyl-3-methylimidazolium hexafluorophosphate [Bmim][PF ₆]	IL-056	6
174501-65-6	1-Butyl-3-methylimidazolium tetrafluoroborate [Bmim][BF ₄]	IL-055	6
174645-81-9	1-Butyl-3-methylimidazolium hexafluoroantimonate [Bmim][SbF ₆]	IL-063	7
174899-65-1	1-Ethyl-3-methylimidazolium trifluoroacetate [Emim][ATf]	IL-031	4
174899-66-2	1-Butyl-3-methylimidazolium trifluoromethanesulfonate [Bmim][OTf]	IL-057	6
174899-72-0	1-Ethyl-2,3-Dimethylimidazolium trifluoromethanesulfonate	IL-409	30
174899-81-1	1,3-Dimethylimidazolium bis(trifluoromethylsulfonyl)imide [Mmim][NTf ₂]	IL-007	1
174899-82-2	1-Ethyl-3-methylimidazolium bis(trifluoromethylsulfonyl)imide [Emim][NTf ₂]	IL-025	3
174899-83-3	1-Butyl-3-methylimidazolium bis(trifluoromethylsulfonyl)imide [Bmim][NTf ₂]	IL-058	6
174899-86-6	1-Hydroxyethyl-3-methylimidazolium bis(trifluoromethylsulfonyl)imide	IL-038	4
174899-90-2	1-Ethyl-2,3-Dimethylimidazolium bis(trifluoromethylsulfonyl)imide [Emmim][NTf ₂]	IL-408	30
174899-93-5	1,3-Dimethylimidazolium trifluoroacetate [Mmim][ATf]	IL-012	2
1779-51-7	Butyltriphenylphosphonium bromide [Pbph3][Br]	IL-B25	55
178631-05-5	1-Hexyl-3-methylimidazolium iodide [Hmim][I]	IL-073	8
17874-63-4	1-Methyl-1-propylpiperidine Iodide	IL-805	47
179075-88-8	1-Butyl-3-methylimidazolium nitrate [Bmim][NO ₃]	IL-064	7
179863-07-1	1-Methylimidazolium sulfobutylolactone	IL-173	18
1813-60-1	Tetrabutylphosphonium tetrafluoroborate [Pb4][BF ₄]	IL-B14	54
186088-50-6	N-Butylpyridinium hexafluorophosphate [Bpyr][PF ₆]	IL-508	38
187387-86-6	1-Vinyl-3-methylimidazolium p-Toluenesulfonate [Vmim][OTs]	IL-217	22
187387-89-9	1-Vinyl-3-methylimidazolium trifluoromethylsulfonate [Vmim][OTf]	IL-212	22
187863-42-9	N-Butylpyridinium bis(trifluoromethylsulfonyl)imide [Bpyr][NTf ₂]	IL-510	39
188589-32-4	1-Decyl-3-methylimidazolium bromide	IL-098	10
1906-79-2	N-Ethylpyridinium bromide [Epyr][Br]	IL-501	38
203389-26-8	1-Hexyl-3-methylimidazolium nitrate [Hmim][NO ₃]	IL-080	9

■ CAS Registry Numbers (3)

CAS	NAME	Prod	Page
203389-27-9	1-Octyl-3-methylimidazolium nitrate [Omim][NO ₃]	IL-093	10
203389-28-0	N-Butylpyridinium tetrafluoroborate [Bpyr][BF ₄]	IL-507	38
20445-88-9	Methyltributylphosphonium dimethylphosphate [Pmb3][DMP]	IL-B02	53
204854-22-8	1-Ethyl-3-vinylimidazolium bis(trifluoromethylsulfonyl)imide	IL-310	24
210230-49-2	Tributylhexylammonium bis(trifluoromethylsulfonyl)imide [Nb3h][NTF]	IL-A10	52
21054-79-5	1-Decyl-2,3-Dimethylimidazolium bromide	IL-445	34
213011-04-2	1-Benzyl-2,3-Dimethylimidazolium bis(trifluoromethylsulfonyl)imide [Zmmim][NTF]	IL-465	36
216299-72-8	1-Propyl-3-methylimidazolium bis(trifluoromethylsulfonyl)imide [Pmim][NTF]	IL-046	5
216300-12-8	1-Propyl-3-methylimidazolium hexafluorophosphate [Pmim][PF ₆]	IL-042	5
218151-78-1	1-Propyl-2,3-Dimethylimidazolium Iodide [Pmmim][I]	IL-412	31
21876-43-7	Pyridinium sulfobutyrolactone	IL-525	40
219947-93-0	1-Dodecyl-3-methylimidazolium hexafluorophosphate	IL-112	12
219947-94-1	1-Tetradecyl-3-methylimidazolium hexafluorophosphate	IL-124	13
219947-95-2	1-Hexadecyl-3-methylimidazolium hexafluorophosphate	IL-137	14
223436-99-5	N-Ethyl-1-methylpyrrolidine bis(trifluoromethylsulfonyl)imide	IL-913	50
223437-05-6	N-Methyl-1-propylpyrrolidine bis(trifluoromethylsulfonyl)imide [Mppl][NTF]	IL-911	50
223437-11-4	N-Butyl-1-methylpyrrolidine bis(trifluoromethylsulfonyl)imide	IL-901	49
227617-70-1	1-Butyl-2,3-Dimethylimidazolium hexafluorophosphate [Bmmim][PF ₆]	IL-420	32
243664-15-5	1,3-Dimethylimidazolium hexafluorophosphate [Mmim][PF ₆]	IL-002	1
244193-50-8	1-Hexyl-3-methylimidazolium tetrafluoroborate [Hmim][BF ₄]	IL-074	8
244193-52-0	1-Octyl-3-methylimidazolium tetrafluoroborate [Omim][BF ₄]	IL-087	9
244193-56-4	1-Decyl-3-methylimidazolium tetrafluoroborate	IL-099	10
244193-59-7	1-Dodecyl-3-methylimidazolium tetrafluoroborate	IL-111	12
244193-64-4	1-Hexadecyl-3-methylimidazolium tetrafluoroborate	IL-136	14
262297-13-2	1-Butyl-3-methylimidazolium hydrogensulfate [Bmim][HSO ₄]	IL-059	6
264255-37-0	1-Vinyl-3-methylimidazolium methanesulfonate [Vmim][MSO]	IL-216	22
26576-85-2	1-Butyl-3-methylpyridinium bromide [B3mpyr][Br]	IL-602	41
26591-72-0	1-Vinyl-3-methylimidazolium methylsulfate [Vmim][MSU]	IL-207	21
292140-86-4	1-Ethyl-2,3-Dimethylimidazolium hexafluorophosphate [Emmim][PF ₆]	IL-407	30
29322-86-9	1-Vinyl-3-methylimidazolium Iodide [Vmim][I]	IL-205	21
2994-53-8	Ethyltriphenylphosphonium tetrafluoroborate [Peph3][BF ₄]	IL-B22	55
304680-35-1	1-Hexyl-3-methylimidazolium hexafluorophosphate [Hmim][PF ₆]	IL-075	8
304680-36-2	1-Octyl-3-methylimidazolium hexafluorophosphate [Omim][PF ₆]	IL-088	9
305370-81-4	1-Ethyl-3-methylimidazolium hexafluoroantimonate [Emim][SbF ₆]	IL-022	3
307492-75-7	1-Ethyl-2,3-Dimethylimidazolium tetrafluoroborate [Emmim][BF ₄]	IL-406	30
3115-68-2	Tetrabutylphosphonium bromide [Pb4][Br]	IL-B13	54
31410-07-8	1-Allyl-3-methylimidazolium bromide [Amim][Br]	IL-200	21
321842-74-4	1-Ethyl-3-vinylimidazolium p-Toluenesulfonate [Evmim][OTf]	IL-314	24
324574-95-0	N-Butyl-N-methylmorpholinium bis(trifluoromethylsulfonyl)imide [Bmmo][NTF]	IL-715	46
324575-10-2	Methyltributylphosphonium bis(trifluoromethylsulfonyl)imide [Pmb3][NTF]	IL-B05	53
327022-58-2	N-Methyl-1-propylpyrrolidine hexafluorophosphate [Mppl][PF ₆]	IL-910	50

■ CAS Registry Numbers (4)

CAS	NAME	Prod	Page
328090-25-1	1-Ethyl-3-methylimidazolium p-toluenesulfonate [Emim][TOS]	IL-029	3
330671-29-9	N-Butyl-1-methylpyrrolidine hexafluorophosphate [Bmpl][PF ₆]	IL-907	49
331717-63-6	1-Ethyl-3-methylimidazolium sulfocyanate [Emim][SCN]	IL-027	3
338729-32-1	Methyltributylphosphonium hexafluorophosphate [Pmb3][PF ₆]	IL-B06	53
338741-79-0	1-(Propyltriethoxyl)-3-methylimidazolium chloride	IL-189	19
342573-75-5	1-Ethyl-3-methylimidazolium ethylsulfate [Emim][ESU]	IL-016	2
342789-81-5	1-Butyl-3-methylimidazolium methanesulfonate [Bmim][MSO]	IL-060	7
342789-83-7	N-Butylpyridinium methanesulfonate [Bpyr][MSO]	IL-511	39
343952-33-0	1-Butyl-4-methylpyridinium tetrafluoroborate [B4mpyr][BF ₄]	IL-621	43
344790-86-9	1-Butyl-3-methylpyridinium bis(trifluoromethylsulfonyl)imide [B3mpyr][NTF]	IL-606	41
344790-87-0	1-Butyl-3-methylimidazolium thiocyanate [Bmim][SCN]	IL-066	7
345974-11-4	N-Butyl-1-methylpyrrolidine tetrafluoroborate [Bmpl][BF ₄]	IL-908	49
350493-08-2	1-Butyl-2,3-Dimethylimidazolium bis(trifluoromethylsulfonyl)imide [Bmmim][NTF]	IL-422	32
350493-09-3	1-Octyl-2,3-Dimethylimidazolium bis(trifluoromethylsulfonyl)imide [Ommim][NTF]	IL-444	34
350493-10-6	1-Octyl-2,3-Dimethylimidazolium tetrafluoroborate [Ommim][BF ₄]	IL-441	34
35935-34-3	1-Ethyl-3-methylimidazolium iodide [Emim][I]	IL-015	2
362043-46-7	1-Decyl-3-methylimidazolium hexafluorophosphate	IL-100	11
36432-31-3	1,2,3-Trimethylimidazolium iodide [Mmmim][I]	IL-401	30
36443-79-5	1-Benzyl-2,3-Dimethylimidazolium chloride [Zmmim][Cl]	IL-460	36
36443-80-8	1-Benzyl-3-methylimidazolium chloride [Zmim][Cl]	IL-148	15
367522-96-1	N-Butyl-1-methylpyrrolidine trifluoromethansulfonate [Bmpl][OTF]	IL-904	49
37026-90-7	Tributylhexylammonium bromide [Nb3h][Br]	IL-A07	51
374564-83-7	1-Hydroxyethyl-3-methylimidazolium tetrafluoroborate	IL-037	4
379712-23-9	1-Octyl-3-methylimidazolium hexafluoroantimonate [Omim][SbF ₆]	IL-089	9
37971-78-1	1-Butyl-1-methylpiperidine Iodide	IL-809	47
384347-06-2	N-Octylpyridinium bis(trifluoromethylsulfonyl)imide [Opyr][NTF]	IL-516	39
384347-21-1	1-Hexyl-2,3-Dimethylimidazolium tetrafluoroborate [Hmmim][BF ₄]	IL-435	33
384347-22-2	1-Hexyl-2,3-Dimethylimidazolium bis(trifluoromethylsulfonyl)imide [Hmmim][NTF]	IL-438	33
384347-59-5	N-Butyl-N-methylmorpholinium tetrafluoroborate [Bmmo][BF ₄]	IL-713	46
390423-43-5	N-Butylpyridinium trifluoromethansulfonate [Bpyr][OTF]	IL-509	38
392710-36-0	1-(Cyanomethyl)-3-methylimidazolium bromide	IL-183	19
401788-99-6	1-Butyl-4-methylpyridinium hexafluorophosphate [B4mpyr][PF ₆]	IL-622	43
402846-78-0	1-Butyl-2,3-Dimethylimidazolium tetrafluoroborate [Bmmim][BF ₄]	IL-419	31
403842-84-2	1-Octyl-3-methylimidazolium trifluoromethansulfonate [Omim][OTF]	IL-090	10
404001-48-5	1-Dodecyl-3-methylimidazolium bis(trifluoromethylsulfonyl)imide	IL-116	12
404001-49-6	1-Tetradecyl-3-methylimidazolium bis(trifluoromethylsulfonyl)imide	IL-129	13
404001-50-9	1-Hexadecyl-3-methylimidazolium bis(trifluoromethylsulfonyl)imide	IL-141	15
404001-52-1	1-Dodecyl-3-methylimidazolium trifluoromethansulfonate	IL-114	12
404001-53-2	1-Tetradecyl-3-methylimidazolium trifluoromethansulfonate	IL-128	13
404001-54-3	1-Hexadecyl-3-methylimidazolium trifluoromethansulfonate	IL-140	15
4086-73-1	N-Octylpyridinium chloride [Opyr][Cl]	IL-512	39
410522-18-8	1-Butyl-2,3-Dimethylimidazolium p-Toluenesulfonate [Bmmim][OTS]	IL-432	33

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CAS	NAME	Prod	Page
411222-01-0	1-Hexyl-2,3-Dimethylimidazolium bromide [Hmim][Br]	IL-434	33
412009-62-2	1-Decyl-3-methylimidazolium trifluoromethansulfonate	IL-102	11
4186-70-3	N-Ethyl-N-methylmorpholinium Iodide [Emmo][I]	IL-702	45
433337-11-2	1-Benzyl-3-methylimidazolium hexafluorophosphate [Zmim][PF ₆]	IL-150	16
433337-23-6	1-Decyl-3-methylimidazolium bis(trifluoromethylsulfonyl)imide	IL-103	11
433337-24-7	1-Benzyl-3-methylimidazolium bis(trifluoromethylsulfonyl)imide [Zmim][NTF]	IL-155	16
4333-62-4	1,3-Dimethylimidazolium iodide [Mmim][I]	IL-001	1
445473-58-5	1-Butyl-3-methylimidazolium octylsulfate [Bmim][OSU]	IL-065	7
448245-52-1	1-Butyl-3-methylimidazolium dicyanamide [Bmim][DCN]	IL-062	7
455270-59-4	1-Hexyl-2,3-Dimethylimidazolium chloride [Hmim][Cl]	IL-433	33
45811-13-0	N-Carboxymethylpyridinium bromide	IL-522	40
460345-16-8	1-Hexyl-3-methylimidazolium trifluoromethansulfonate [Hmim][OTF]	IL-077	8
464916-25-4	1-Ethyl ester methyl-3-methylimidazolium chloride	IL-177	18
467443-06-7	1-Hexadecyl-2,3-Dimethylimidazolium tetrafluoroborate	IL-455	35
475575-45-2	1-Butyl-2,3-Dimethylimidazolium bromide [Bmmim][Br]	IL-417	31
475681-62-0	1-Butyl-4-methylpyridinium bis(trifluoromethylsulfonyl)imide [B4mpyr][NTF]	IL-623	43
479500-35-1	N-Butyl-1-methylpyrrolidine chloride [Bmpl][Cl]	IL-902	49
483184-44-7	1-Butyl-2,3-Dimethylimidazolium Hydroxide [Bmmim][OH]	IL-431	33
497258-85-2	1-Octyl-3-methylimidazolium hydrogen sulfate [Omim][HSO ₄]	IL-092	10
500996-04-3	1-Benzyl-3-methylimidazolium Tetrafluoroborate [Zmim][BF ₄]	IL-152	16
501942-96-7	N-Ethyl-1-methylpyrrolidine p-Toluenesulfonate [Empl][OTS]	IL-916	50
501943-03-9	N-Ethyl-1-methylpyrrolidine methanesulfonate [Empl][MSO]	IL-915	50
501943-04-0	N-Methyl-1-propylpyrrolidine methanesulfonate [Mppl][MSO]	IL-912	50
501943-05-1	N-Butyl-1-methylpyrrolidine methanesulfonate [Bmpl][MSO]	IL-905	49
503439-30-3	1-Ethyl ester methyl-3-methylimidazolium tetrafluoroborate	IL-179	18
503439-50-7	1-Ethyl ester methyl-3-methylimidazolium hexafluorophosphate	IL-180	19
503439-62-1	1-Ethyl ester methyl-3-methylimidazolium bis(trifluoromethylsulfonyl)imide	IL-181	19
51230-11-6	Butyltriphenylphosphonium tetrafluoroborate [Pbph3][BF ₄]	IL-B26	55
516474-01-4	1-Ethyl-3-methylimidazolium methylsulfate [Emim][MSU]	IL-017	2
521304-36-9	1,3-Dimethylimidazolium methanesulfonate [Mmim][MSO]	IL-010	2
52461-83-3	1-Benzyl-3-methylimidazolium p-Toluenesulfonate [Zmim][OTS]	IL-159	16
528818-81-7	1-Buatyl-3-methylimidazolium Hydroxide[Bmim][OH]	IL-068	7
54644-39-2	1-Ethyl-1-methylpiperidine bromide	IL-801	47
54722-21-3	1,3-Dimethylimidazolium p-toluenesulfonate [Mmim][TOS]	IL-011	2
547718-87-6	1-Propyl-3-methylimidazolium methanesulfonate [Pmim][MSO]	IL-049	5
547718-92-3	1-Hexyl-3-methylpyridinium bis(trifluoromethylsulfonyl)imide [H3mpyr][NTF]	IL-611	42
54884-46-7	Ethyltributylphosphonium Iodide [Peb3][I]	IL-B08	53
558-32-7	Tetramethylammonium hexafluorophosphate [Nm4][PF ₆]	IL-A02	51
593-84-0	Guanidine thiocyanate	IL-B29	55
597581-48-1	1-Butyl-3-methylpyridinium tetrafluoroborate [B3mpyr][BF ₄]	IL-603	41
606925-13-7	1-Benzyl-3-methylimidazolium trifluoromethansulfonate [Zmim][OTF]	IL-154	16
606925-16-0	1-Benzyl-3-methylimidazolium trifluoroacetate [Zmim][ATF]	IL-163	17

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CAS	NAME	Prod	Page
608140-09-6	N-Methyl-1-propylpyrrolidine bromide [Mtpl][Br]	IL-909	49
608140-12-1	1-Methyl-1-propylpiperidine bis(trifluoromethylsulfonyl)imide	IL-807	47
61545-99-1	1-Octyl-3-methylimidazolium bromide [Omim][Br]	IL-086	9
61546-01-8	1-Hexadecyl -3-methylimidazolium chloride	IL-134	14
61546-09-6	1-Octyl-2,3-Dimethylimidazolium bromide [Ommim][Br]	IL-439	34
61546-10-9	1-Dodecyl-2,3-Dimethylimidazolium bromide	IL-449	35
61546-11-0	1-Hexadecyl-2,3-Dimethylimidazolium bromide	IL-454	35
61755-34-8	1-Hydroxyethyl-3-methylimidazolium chloride	IL-036	4
61865-02-9	1-(9-methylene Onion)-3-methylimidazolium chloride	IL-190	20
623580-02-9	1-Butyl-1-methylpiperidine bis(trifluoromethylsulfonyl)imide	IL-811	48
62409-49-8	1-Hexyl-4-methylpyridinium chloride [H4mpyr][Cl]	IL-624	43
6266-23-5	N-Carboxymethylpyridinium chloride	IL-520	40
640282-11-7	1-Decyl-2,3-Dimethylimidazolium tetrafluoroborate	IL-446	34
640282-12-8	1-Allyl-2,3-Dimethylimidazolium tetrafluoroborate [Ammim][BF ₄]	IL-472	37
640282-16-2	1-Decyl-2,3-Dimethylimidazolium hexafluorophosphate	IL-447	34
640282-17-3	1-Hexadecyl-2,3-Dimethylimidazolium hexafluorophosphate	IL-456	35
64697-40-1	1-Octyl-3-methylimidazolium chloride [Omim][Cl]	IL-085	9
648424-43-5	1-Hexyl-3-methylimidazolium perchlorate [Hmim][ClO ₄]	IL-083	9
649745-76-6	1-Propyl-3-methylimidazolium nitrate [Pmim][NO ₃]	IL-044	5
65039-04-5	1-Ethyl-3-methylimidazolium perchlorate [Emim][ClO ₄]	IL-026	3
65039-08-9	1-Ethyl-3-methyl-imidazolium bromide [Emim][Br]	IL-013	2
65039-10-3	1-Allyl-3-methylimidazolium chloride [Amim][Cl]	IL-199	20
65039-11-4	1-Benzyl-3-methylimidazolium bromide [Zmim][Br]	IL-147	15
65350-59-6	1-Butyl-4-methylpyridinium bromide [B4mpyr][Br]	IL-620	43
653601-27-5	1-Hexyl-2,3-Dimethylimidazolium hexafluorophosphate [Hmim][PF ₆]	IL-436	33
654057-98-4	Ethyltributylphosphonium ethylsulfate [Peb3][ESU]	IL-B09	53
654058-04-5	1,3-Dimethylimidazolium dimethylphosphate [Mmim][DMP]	IL-005	1
657394-65-5	1-Butyl-3-vinylimidazolium chloride [Bvmim][Cl]	IL-331	26
657414-80-7	1-Sulfobutyl-3-methylimidazolium trifluoromethansulfonate	IL-175	18
65756-41-4	N-Ethyl-N-methylmorpholinium bromide [Emmo][Br]	IL-701	45
663199-28-8	1-Butyl-3-methylimidazolium dibutylphosphate [Bmim][DBP]	IL-061	7
67021-56-1	1-Hexyl-3-methylpyridinium bromide [H3mpyr][Br]	IL-608	41
671793-14-9	1-Carboxymethyl-3-methylimidazolium bromide	IL-169	17
671793-16-1	1-Carboxymethyl-3-methylimidazolium bis(trifluoromethylsulfonyl)imide	IL-172	18
673855-36-2	1-Butyl-2,3-Dimethylimidazolium thiocyanate [Bmmim][SCN]	IL-430	33
674282-83-8	1-Ethyl-3-methylimidazolium hydrogen sulfate [Emim][HSO ₄]	IL-032	4
67-48-1	2-Hydroxyethyltrimethylamine chloride	IL-A11	52
676607-47-9	1-Dodecyl-2,3-Dimethylimidazolium tetrafluoroborate	IL-450	35
676607-48-0	1-Dodecyl-2,3-Dimethylimidazolium hexafluorophosphate	IL-451	35
67691-05-8	1-Benzyl-3-vinylimidazolium bromide [Bzvmim][Br]	IL-346	27
683224-91-1	1-(Cyanomethyl)-3-methylimidazolium hexafluorophosphate	IL-185	19
683224-92-2	1-(Cyanomethyl)-3-methylimidazolium tetrafluoroborate	IL-184	19
69056-62-8	Methyltributylphosphonium methylsulfate [Pmb3][MSU]	IL-B03	53
69227-51-6	N-Ethyl-1-methylpyrrolidine bromide [Empl][Br]	IL-914	50

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693226-62-9	1-Allyl-2,3-Dimethylimidazolium bromide [Ammim][Br]	IL-467	36
693226-64-1	1-Butyl-2,3-Dimethylimidazolium hydrogen sulfate [Bmmim][HSO ₄]	IL-423	32
696600-63-2	N-Methyl-N-propylmorpholinium bis(trifluoromethylsulfonyl)imide [Emmo][NTF]	IL-710	46
696600-68-7	N-Methyl-N-propylmorpholinium hexafluorophosphate [Mpmo][PF ₆]	IL-709	45
700370-07-6	1-Carboxymethyl-3-methylimidazolium chloride	IL-168	17
700370-10-1	1-Sulfobutyl-3-methylimidazolium p-Toluenesulfonate	IL-176	18
706785-83-3	N-Ethyl-N-methylmorpholinium bis(trifluoromethylsulfonyl)imide [Emmo][NTF]	IL-705	45
70850-60-1	1-Hexyl-4-methylpyridinium bromide [H4mpyr][Br]	IL-625	43
70850-61-2	1-Octyl-4-methylpyridinium bromide [O4mpyr][Br]	IL-630	44
712355-02-7	1-Octyl-3-methylpyridinium bis(trifluoromethylsulfonyl)imide [O3mpyr][NTF]	IL-618	42
712355-04-9	1-Octyl-4-methylpyridinium bis(trifluoromethylsulfonyl)imide [O4mpyr][NTF]	IL-633	44
712355-10-7	1-Octyl-3-methylpyridinium tetrafluoroborate [O3mpyr][BF ₄]	IL-615	42
725736-43-6	1-Epoxypropyl-3-methylimidazolium chloride	IL-164	17
725736-45-8	1-Epoxypropyl-3-methylimidazolium tetrafluoroborate	IL-165	17
7392-50-9	Ethyltributylphosphonium bromide [Peb3][Br]	IL-B07	53
742099-80-5	1-Ethyl-3-methylimidazolium tetracyanoborate [Emim][TCB]	IL-014	2
75174-77-5	N-Butyl-N-methylmorpholinium bromide [Bmmo][Br]	IL-711	46
7538-38-7	1-Trimethyl-(4-vinylbenzyl)aminium chloride	IL-A15	52
765910-73-4	1-Butyl-2,3-Dimethylimidazolium trifluoromethansulfonate	IL-421	32
77381-68-1	1,3-Dimethylimidazolium perchlorate [Mmim][ClO ₄]	IL-008	1
79637-05-1	1-Benzyl-3-vinylimidazolium chloride [Bzvmim][Cl]	IL-347	27
797789-01-6	1-Hexyl-2,3-Dimethylimidazolium trifluoromethansulfonate	IL-437	33
79917-90-1	1-Butyl-3-methylimidazolium chloride [Bmim][Cl]	IL-053	6
799246-93-8	1-Dodecyl-3-methylimidazolium nitrate	IL-118	12
799246-94-9	1-Tetradecyl-3-methylimidazolium nitrate	IL-131	14
799246-95-0	1-Hexadecyl-3-methylimidazolium nitrate	IL-143	15
805228-42-6	1-Carboxymethyl-3-methylimidazolium tetrafluoroborate	IL-170	18
811789-67-0	1-Butyl-2,3-Dimethylimidazolium dicyanamide [Bmmim][DCN]	IL-426	32
81517-60-4	1-Ethyl-3-vinylimidazolium bromide [Evmim][Br]	IL-301	23
827027-25-8	2-Hydroxyl-N,N,N-Trimethylethylamine bis(trifluoromethylsulfonyl)imid	IL-A14	52
827320-59-2	1-Sulfobutyl-3-methylimidazolium hydrogensulfate	IL-174	18
827320-61-6	1-Sulfobutyl-3-methylpyridinium hydrogensulfate	IL-634	44
845835-03-2	1-Butyl-3-methylpyridinium hexafluorophosphate [B3mpyr][PF ₆]	IL-604	41
847069-14-1	1-Butyl-2,3-Dimethylimidazolium hexafluorantimonate [Bmmim][SbF ₆]	IL-427	32
847499-72-3	1-Octyl-3-methylimidazolium thiocyanate [Omim][SCN]	IL-096	10
847499-73-4	1-Propyl-3-methylimidazolium thiocyanate [Pmim][SCN]	IL-048	5
847499-74-5	1-Hexyl-3-methylimidazolium thiocyanate [Hmim][SCN]	IL-084	9
847499-75-6	1-Decyl-3-methylimidazolium thiocyanate	IL-108	11
848641-69-0	1-Ethyl-3-methylimidazolium diethylphosphate [Emim][DEP]	IL-018	2
85100-76-1	1-Propyl-3-methylimidazolium bromide [Pmim][Br]	IL-039	4
85100-77-2	1-Butyl-3-methylimidazolium bromide [Bmim][Br]	IL-054	6
85100-78-3	1-Hexyl-3-methylimidazolium bromide [Hmim][Br]	IL-072	8

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851606-63-8	1-Allyl-3-methylimidazolium tetrafluoroborate [Amim][BF ₄]	IL-204	21
852509-35-4	1-Hexyl-3-methylimidazolium methanesulfonate [Hmim][MSO]	IL-081	9
852509-36-5	1-Octyl-3-methylimidazolium methanesulfonate [Omim][MSO]	IL-094	10
855785-75-0	1-Sulfobutyl-3-methylpyridinium trifluoromethansulfonate	IL-635	44
855785-77-2	1-Sulfobutyl-3-methylpyridinium p-Toluenesulfonate	IL-636	44
856925-70-7	1-(Propyltrimethoxyl)-3-methylimidazolium chloride	IL-188	19
86042-82-2	Methyltributylphosphonium tetrafluoroborate [Pmb3][BF ₄]	IL-B04	53
861908-19-2	1-Allyl-3-methylimidazolium hexafluorophosphate [Amim][PF ₆]	IL-203	21
862731-66-6	1-Octyl-3-methylimidazolium bis(trifluoromethylsulfonyl)imide [Omim][NTF]	IL-091	10
862999-75-5	1-Benzyl-2,3-Dimethylimidazolium tetrafluoroborate [Zmmim][BF ₄]	IL-463	36
862999-80-2	1-Benzyl-2,3-Dimethylimidazolium bromide [Zmmim][Br]	IL-459	36
864461-36-9	1-Octyl-3-methylpyridinium chloride [O3mpyr][Cl]	IL-613	42
865446-63-5	1-Hexadecyl-3-methylimidazolium hydrogensulfate	IL-142	15
865606-94-6	1-Octyl-2,3-Dimethylimidazolium trifluoromethansulfonate	IL-443	34
869578-59-6	1-Octyl-2,3-Dimethylimidazolium hexafluorophosphate [Ommim][PF ₆]	IL-442	34
870296-13-2	1-Hexyl-4-methylpyridinium bis(trifluoromethylsulfonyl)imide [H4mpyr][NTF]	IL-628	43
872672-72-5	1-Octyl-3-methylpyridinium bromide [O3mpyr][Br]	IL-614	42
874-80-6	N-Butylpyridinium bromide [Bpyr][Br]	IL-506	38
874989-77-2	Ethyltriphenylphosphonium bis(trifluoromethylsulfonyl)imide [Peph3][NTF]	IL-B24	55
874989-79-4	Butyltriphenylphosphonium bis(trifluoromethylsulfonyl)imide [Pbph3][NTF]	IL-B28	55
876690-60-7	N-Butyl-N-methylmorpholinium hexafluorophosphate [Bmmo][PF ₆]	IL-714	46
88021-14-4	Ethyltriphenylphosphonium hexafluorophosphate [Peph3][PF ₆]	IL-B23	55
884659-95-4	1-Hexyl-3-methylimidazolium hexafluoroantimonate [Hmim][SbF ₆]	IL-076	8
885456-22-4	1-Butyl-2,3-Dimethylimidazolium methanesulfonate [Bmmim][MSO]	IL-424	32
885624-41-9	1,3-Dimethylimidazolium hexafluoroantimonate [Mmim][SbF ₆]	IL-003	1
888320-07-8	1-Ethyl-3-methylimidazolium Lactate [Emim][Lactate]	IL-034	4
88840-42-0	1-Methyl-1-propylpiperidine bromide	IL-804	47
888974-75-2	1-Octyl-3-methylpyridinium hexafluorophosphate [O3mpyr][PF ₆]	IL-616	42
901791-87-5	1-Dodecyl-3-methylimidazolium hydrogensulfate	IL-115	12
901791-89-7	1-Tetradecyl-3-methylimidazolium hydrogensulfonate	IL-130	14
905972-84-1	1-Octyl-3-methylimidazolium dicyanamide [Omim][DCN]	IL-095	10
910226-51-6	Ethyltributylphosphonium bis(trifluoromethylsulfonyl)imide [Peb3][NTF]	IL-B12	54
910247-97-1	1,2,3-Trimethylimidazolium dimethylphosphate [Mmmim][DMP]	IL-402	30
911289-19-5	1-Vinyl-3-methylimidazolium tetrafluoroborate [Vmim][BF ₄]	IL-209	21
911430-08-5	1-Carboxymethyl-3-methylimidazolium hexafluorophosphate	IL-171	18
915358-85-9	1-Butyl-3-vinylimidazolium hexafluorophosphate [Bvmim][PF ₆]	IL-334	26
916729-96-9	1-Hexyl-3-methylimidazolium bis[(trifluoromethyl)sulfonyl]imide [Hmim][NTF]	IL-078	8
916730-40-0	1-Hexyl-3-methylpyridinium chloride [H3mpyr][Cl]	IL-607	41
920520-52-1	N-Carboxymethylpyridinium hexafluorophosphate	IL-523	40
922521-04-8	1-Hexyl-3-methylimidazolium phosphate dihydrate [Hmim][H ₂ PO ₄]	IL-079	8

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922521-06-0	1-Butyl-2,3-Dimethylimidazolium nitrate [Bmmim][NO ₃]	IL-428	32
923019-22-1	1-Ethyl-3-methylimidazolium dicyanamide [Emim][DCN]	IL-033	4
925230-47-3	1-Butyl-3-methylimidazolium p-toluenesulfonate [Bmim][TOS]	IL-067	7
927681-25-2	1-Hexadecyl-3-methylimidazolium p-Toluenesulfonate	IL-146	15
927820-65-3	1-Ethyl-1-methylpiperidine bis(trifluoromethylsulfonyl)imide	IL-803	47
929602-03-9	1-Octyl-3-methylpyridinium trifluoromethansulfonate [O3mpyr][OTF]	IL-617	42
929602-04-0	1-Hexyl-3-methylpyridinium methanesulfonate [H3mpyr][MSO]	IL-612	42
929897-32-5	1-Hexyl-4-methylpyridinium hexafluorophosphate [H4mpyr][PF ₆]	IL-627	43
932031-93-1	1-Ethyl-3-vinylimidazolium trifluoromethylsulfonate [Evmim][OTF]	IL-309	23
93457-69-3	N-Butyl-1-methylpyrrolidine bromide [Bmpl][Br]	IL-903	49
936014-36-7	1-Benzyl-3-methylimidazolium methansulfonate [Zmim][MSO]	IL-153	16
936030-51-2	1-Ethyl-3-vinylimidazolium tetrafluoroborate [Evmim][BF ₄]	IL-305	23
936030-54-5	1-Allyl-3-vinylimidazolium tetrafluoroborate [Avmim][BF ₄]	IL-364	29
936239-96-2	1-Octyl-4-methylpyridinium tetrafluoroborate [O4mpyr][BF ₄]	IL-631	44
93627-54-4	N-Methyl-N-propylmorpholinium Iodide [Mpmo][I]	IL-707	45
93627-55-5	N-Butyl-N-methylmorpholinium Iodide [Bmmo][I]	IL-712	46
937249-96-2	Hexyltributylphosphonium tetrafluoroborate [Phb3][BF ₄]	IL-B18	54
937720-90-6	1-(Cyanomethyl)-3-methylimidazolium bis(trifluoromethylsulfonyl)imide	IL-186	19
941584-21-0	1,3-Dimethylimidazolium nitrate [Mmim][NO ₃]	IL-009	1
942196-38-5	1-Hexyl-3-methylpyridinium hexafluorophosphate [H3mpyr][PF ₆]	IL-610	42
94280-72-5	1-Butyl-1-methylpiperidine bromide	IL-808	47
945611-27-8	1-Ethyl-3-methylimidazolium dimethylphosphate [Emim][DMP]	IL-019	2
945683-37-4	1-Butyl-2,3-Dimethylimidazolium octanesulfonate [Bmmim][OSU]	IL-429	33
946052-36-4	1-Butyl-3-methylpyridinium methanesulfonate [B3mpyr][MSO]	IL-605	41
95242-73-1	1-Hexyl-4-methylpyridinium tetrafluoroborate [H4mpyr][BF ₄]	IL-626	43
95546-37-5	1-Benzyl-3-methylimidazolium perchlorate [Zmim][ClO ₄]	IL-157	16
956597-95-8	1-Benzyl-3-methylimidazolium hydrogen sulfate [Zmim][HSO ₄]	IL-156	16
958445-60-8	1-Benzyl-3-methylimidazolium dicyanamide [Zmim][DCN]	IL-160	17
958869-83-5	1-Benzyl-3-methylimidazolium thiocyanate [Zmim][SCN]	IL-161	17
97345-90-9	1,3-Dimethylimidazolium methylsulfate [Mmim][MSU]	IL-004	1
98892-75-2	1-Butyl-2,3-Dimethylimidazolium chloride [Bmmim][Cl]	IL-416	31
98892-76-3	1-Ethyl-2,3-Dimethylimidazolium bromide [Emmim][Br]	IL-404	30
	Ethyltributylphosphonium tetrafluoroborate [Peb3][BF ₄]	IL-B10	54
	Hexyltributylphosphonium bis(trifluoromethylsulfonyl)imide [Phb3][NTF]	IL-B20	55
	1- Propyl -3-vinylimidazolium acetate [Pvmim][CH ₃ COO]	IL-329	25
	1- propyl -3-vinylimidazolium methanesulfonate [Pvmim][MSO]	IL-327	25
	1- propyl -3-vinylimidazolium p-toluenesulfonate [Pvmim][OTS]	IL-328	25
	1,2,3-Trimethylimidazolium methylsulfate [Mmmim][MSU]	IL-403	30
	1,3-Difluorenylimidazolium bis(trifluoromethylsulfonyl)imide	IL-198	20
	1,3-Difluorenylimidazolium bromide	IL-192	20
	1,3-Difluorenylimidazolium hexafluorophosphate	IL-197	20
	1,3-Difluorenylimidazolium tetrafluoroborate	IL-196	20
	1-Allyl-2,3-Dimethylimidazolium bromide chloride [Ammim][Cl]	IL-466	36
	1-Allyl-2,3-Dimethylimidazolium hexafluorophosphate [Ammim][PF ₆]	IL-470	37
	1-Allyl-2,3-Dimethylimidazolium hexafluorantimonate [Ammim][SbF ₆]	IL-471	37

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CAS	NAME	Prod	Page
	1-Allyl-3-methylimidazolium bis[(trifluoromethyl)sulfonyl]imide [Amim][NTF]	IL-202	21
	1-Allyl-3-methylimidazolium iodide [Amim][I]	IL-201	21
	1-Allyl-3-vinylimidazolium bis(trifluoromethylsulfonyl)imide	IL-362	29
	1-Allyl-3-vinylimidazolium hexafluorophosphate [Avmim][PF ₆]	IL-363	29
	1-Allyl-3-vinylimidazolium Iodide [Avmim][I]	IL-361	29
	1-Benzyl-2,3-Dimethylimidazolium hexafluorophosphate [Zmmim][PF ₆]	IL-461	36
	1-Benzyl-2,3-Dimethylimidazolium hexafluorantimonate [Zmmim][SbF ₆]	IL-462	36
	1-Benzyl-2,3-Dimethylimidazolium trifluoromethansulfonate [Zmmim][OTf]	IL-464	36
	1-Benzyl-3-methylimidazolium hexafluoroantimonate [Zmim][SbF ₆]	IL-151	16
	1-Benzyl-3-methylimidazolium nitrate [Zmim][NO ₃]	IL-158	16
	1-Benzyl-3-vinylimidazolium bis(trifluoromethylsulfonyl)imide [Bzvmim][NTF]	IL-353	28
	1-Benzyl-3-vinylimidazolium dicyanamide [Bzvmim][DCN]	IL-357	28
	1-Benzyl-3-vinylimidazolium hexafluorophosphate [Bzvmim][PF ₆]	IL-348	27
	1-Benzyl-3-vinylimidazolium hexafluorantimonate [Bzvmim][SbF ₆]	IL-349	27
	1-Benzyl-3-vinylimidazolium hydrogensulfate [Bzvmim][HSO ₄]	IL-354	28
	1-Benzyl-3-vinylimidazolium methanesulfonate [Bzvmim][MSO]	IL-351	28
	1-Benzyl-3-vinylimidazolium methylsulfate [Bzvmim][MSU]	IL-356	28
	1-Benzyl-3-vinylimidazolium nitrate [Bzvmim][NO ₃]	IL-355	28
	1-Benzyl-3-vinylimidazolium tetrafluoroborate [Bzvmim][BF ₄]	IL-350	28
	1-Benzyl-3-vinylimidazolium thiocyanate [Bzvmim][SCN]	IL-358	28
	1-Benzyl-3-vinylimidazolium trifluoromethylsulfonate [Bzvmim][OTf]	IL-352	28
	1-Buthyl-3-methylimidazolium L-Lactates [Bmim][Lactate]	IL-069	7
	1-Buthyl-3-methylimidazolium L-prolinate[Bmim][prolinate]	IL-070	8
	1-Butyl-1-methylpiperidine hexafluorophosphate	IL-810	48
	1-Butyl-2,3-Dimethylimidazolium dibutylphosphate [Bmmim][DBP]	IL-425	32
	1-Butyl-3-vinylimidazolium bis(trifluoromethylsulfonyl)imide [Bvmim][NTF]	IL-336	26
	1-Butyl-3-vinylimidazolium dibutylphosphate [Bvmim][DBP]	IL-339	26
	1-Butyl-3-vinylimidazolium dicyanamide [Bvmim][DCN]	IL-340	27
	1-Butyl-3-vinylimidazolium hexafluorantimonate [Bvmim][SbF ₆]	IL-341	27
	1-Butyl-3-vinylimidazolium hydrogensulfate [Bvmim][HSO ₄]	IL-337	26
	1-Butyl-3-vinylimidazolium methanesulfonate [Bvmim][MSO]	IL-338	26
	1-Butyl-3-vinylimidazolium nitrate [Bvmim][NO ₃]	IL-342	27
	1-Butyl-3-vinylimidazolium octanesulfonate [Bvmim][OSU]	IL-343	27
	1-Butyl-3-vinylimidazolium p-toluenesulfonate [Bvmim][OTS]	IL-345	27
	1-Butyl-3-vinylimidazolium thiocyanate [Bvmim][SCN]	IL-344	27
	1-Butyl-3-vinylimidazolium trifluoromethylsulfonate [Bvmim][OTf]	IL-335	26
	1-Decyl-2,3-Dimethylimidazolium trifluoromethansulfonate	IL-448	34
	1-Decyl-3-methylimidazolium dicyanamide	IL-107	11
	1-Decyl-3-methylimidazolium hexafluoroantimonate	IL-101	11
	1-Decyl-3-methylimidazolium hydrogensulfate	IL-104	11
	1-Decyl-3-methylimidazolium methanesulfonate	IL-106	11

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CAS	NAME	Prod	Page
	1-Dodecyl-2,3-Dimethylimidazolium bis(trifluoromethylsulfonyl)imide	IL-453	35
	1-Dodecyl-2,3-Dimethylimidazolium trifluoromethansulfonate	IL-452	35
	1-Dodecyl-3-methylimidazolium bromide	IL-110	12
	1-Dodecyl-3-methylimidazolium dicyanamide	IL-119	12
	1-Dodecyl-3-methylimidazolium hexafluoroantimonate	IL-113	12
	1-Dodecyl-3-methylimidazolium methanesulfonate	IL-117	12
	1-Dodecyl-3-methylimidazolium thiocyanate	IL-120	13
	1-Epoxypropyl-3-methylimidazolium bis(trifluoromethylsulfonyl)imid	IL-167	17
	1-Epoxypropyl-3-methylimidazolium hexafluorophosphate	IL-166	17
	1-Ethyl ester methyl-3-methylimidazolium bromide	IL-178	18
	1-Ethyl-2,3-Dimethylimidazolium methansulfonate [Emmim][MSO]	IL-410	31
	1-Ethyl-3-methylimidazolium L-prolinate [Emim][prolinate]	IL-035	4
	1-Ethyl-3-vinylimidazolium diethylphosphate [Evmim][DEP]	IL-304	23
	1-Ethyl-3-vinylimidazolium ethylsulfate [Evmim][ESU]	IL-303	23
	1-Ethyl-3-vinylimidazolium hexafluorantimonate [Evmim][SbF ₆]	IL-307	23
	1-Ethyl-3-vinylimidazolium hydrogensulfate [Evmim][HSO ₄]	IL-317	24
	1-Ethyl-3-vinylimidazolium methanesulfonate [Evmim][MSO]	IL-313	24
	1-Ethyl-3-vinylimidazolium nitrate [Evmim][NO ₃]	IL-308	23
	1-Ethyl-3-vinylimidazolium perchlorate [Evmim][ClO ₄]	IL-311	24
	1-Ethyl-3-vinylimidazolium thiocyanate [Evmim][SCN]	IL-312	24
	1-Ethyl-3-vinylimidazolium trifluoroacetate [Evmim][ATF]	IL-316	24
	1-Fluorenyl-3-methylimidazolium bis(trifluoromethylsulfonyl)imide	IL-195	20
	1-Fluorenyl-3-methylimidazolium bromide	IL-191	20
	1-Fluorenyl-3-methylimidazolium hexafluorophosphate	IL-194	20
	1-Fluorenyl-3-methylimidazolium tetrafluoroborate	IL-193	20
	1-Hexadecyl-2,3-Dimethylimidazolium bis(trifluoromethylsulfonyl)imide	IL-458	35
	1-Hexadecyl-2,3-Dimethylimidazolium trifluoromethansulfonate	IL-457	35
	1-Hexadecyl-3-methylimidazolium dicyanamide	IL-144	15
	1-Hexadecyl-3-methylimidazolium hexafluoroantimonate	IL-138	14
	1-Hexadecyl-3-methylimidazolium methanesulfonate	IL-139	14
	1-Hexadecyl-3-methylimidazolium thiocyanate	IL-145	15
	1-Hexyl-3-methylimidazolium dicyanamide [Hmim][DCN]	IL-082	9
	1-Hexyl-3-methylpyridinium tetrafluoroborate [H3mpyr][BF ₄]	IL-609	41
	1-Methyl-1-propylpiperidine hexafluorophosphate	IL-806	47
	1-Octyl-4-methylpyridinium hexafluorophosphate [O4mpyr][PF ₆]	IL-632	44
	1-Propyl -3-vinylimidazolium trifluoroacetate [Pvmim][ATF]	IL-330	26
	1-Propyl-3-methylimidazolium hexafluoroantimonate [Pmim][SbF ₆]	IL-043	5
	1-Propyl-3-methylimidazolium perchlorate [Pmim][ClO ₄]	IL-047	5
	1-Propyl-3-methylimidazolium p-toluenesulfonate [Pmim][TOS]	IL-050	6
	1-Propyl-3-methylimidazolium tetrafluoroborate [Pmim][BF ₄]	IL-041	5
	1-Propyl-3-methylimidazolium trifluoroacetate [Pmim][ATF]	IL-052	6
	1-Propyl-3vinylimidazolium bis(trifluoromethylsulfonyl)imide [Pvmim][NTF]	IL-324	25
	1-Propyl-3vinylimidazolium bromide [Pvmim][Br]	IL-318	24
	1-Propyl-3vinylimidazolium hexafluorophosphate [Pvmim][PF ₆]	IL-320	25

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CAS	NAME	Prod	Page
	1-Propyl-3-vinylimidazolium hexafluorantimonate [Pvmim][SbF ₆]	IL-321	25
	1-Propyl-3-vinylimidazolium Iodide [Pvmim][I]	IL-319	24
	1-Propyl-3-vinylimidazolium nitrate [Pvmim][NO ₃]	IL-322	25
	1-Propyl-3-vinylimidazolium perchlorate [Pvmim][ClO ₄]	IL-325	25
	1-Propyl-3-vinylimidazolium thiocyanate [Pvmim][SCN]	IL-326	25
	1-Propyl-3-vinylimidazolium trifluoromethylsulfonate [Pvmim][OTf]	IL-323	25
	1-Tetradecyl-3-methylimidazolium dicyanamide	IL-132	14
	1-Tetradecyl-3-methylimidazolium thiocyanate	IL-133	14
	1-Tetradecyl-3-methylimidazolium bromide	IL-122	13
	1-Tetradecyl-3-methylimidazolium hexafluoroantimonate	IL-125	13
	1-Tetradecyl-3-methylimidazolium methanesulfonate	IL-126	13
	1-Tetradecyl-3-methylimidazolium methylsulfate	IL-127	13
	1-Tetradecyl-3-methylimidazolium tetrafluoroborate	IL-123	13
	1-Tributyl-(4-vinylbenzyl)aminium chloride	IL-A17	52
	1-Vinyl-3-methylimidazolium acetate [Vmim][CH ₃ COO]	IL-218	22
	1-Vinyl-3-methylimidazolium bis(trifluoromethylsulfonyl)imide [Vmim][NTf ₂]	IL-213	22
	1-Vinyl-3-methylimidazolium Bromide [Vmim][Br]	IL-206	21
	1-Vinyl-3-methylimidazolium dimethylphosphate [Vmim][DMP]	IL-208	21
	1-Vinyl-3-methylimidazolium hexafluorophosphate [Vmim][PF ₆]	IL-210	22
	1-Vinyl-3-methylimidazolium hexafluorantimonate [Vmim][SbF ₆]	IL-211	22
	1-烷基（羥基）-3-甲基咪唑對磺酸基聚苯乙烯鹽	IL-365	29
	Ethyltributylphosphonium hexafluorophosphate [Peb3][PF ₆]	IL-B11	54
	N-Butyl-1-methylpyrrolidine p-Toluenesulfonate [Bmpl][OTs]	IL-906	49
	N-Ethylpyridinium hexafluorophosphate [Epyr][PF ₆]	IL-504	38
	N-Ethylpyridinium Iodide [Epyr][I]	IL-502	38
	N-Ethylpyridinium tetrafluoroborate [Epyr][BF ₄]	IL-503	38
	N-Hexadecylpyridinium hexafluorophosphate	IL-519	39
	N-Hexadecylpyridinium tetrafluoroborate	IL-518	39
	N-Methyl-N-propylmorpholinium bromide [Mpmo][Br]	IL-706	45
	N-Methyl-N-propylmorpholinium tetrafluoroborate [Mpmo][BF ₄]	IL-708	45
	N-Octylpyridinium bromide [Opyr][Br]	IL-513	39
	N-Octylpyridinium hexafluorophosphate [Opyr][PF ₆]	IL-515	39
	N-Octylpyridinium tetrafluoroborate [Opyr][BF ₄]	IL-514	39
	Tetrabutylphosphonium bis(trifluoromethylsulfonyl)imide [Pb4][NTf ₂]	IL-B16	54
	Tetramethylammonium bis(trifluoromethylsulfonyl)imide [Nm4][NTf ₂]	IL-A03	51
	Tetramethylammonium tetrafluoroborate [Nm4][BF ₄]	IL-A01	51
	Tributylhexylammonium hexafluorophosphate [Nb3h][PF ₆]	IL-A09	51
	Tributylhexylammonium tetrafluoroborate [Nb3h][BF ₄]	IL-A08	51
	Tributylmethylammonium bis(trifluoromethylsulfonyl)imide [Nb3m]	IL-A06	51
	Tributylmethylammonium tetrafluoroborate [Nb3m][BF ₄]	IL-A04	51



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