

1-alkyl-3-methyl-imidazolium based ionic liquids, [C<sub>n</sub>C<sub>1</sub>im][X]

[C1C1im]	[Ntf2]	1,3-Dimethylimidazolium bis(trifluoromethylsulfonyl)amide
[C1C1im]	[N(CN)2]	1,3-Dimethylimidazolium dicyanamide
[C1C1im]	[C1SO4]	1,3-Dimethylimidazolium methylsulfate
[C1C1im]	[C2SO4]	1,3-Dimethylimidazolium ethylsulfate
[C1C1im]	[C3SO4]	1,3-Dimethylimidazolium propylsulfate
[C1C1im]	[C4SO4]	1,3-Dimethylimidazolium butylsulfate
[C2C1im]	[Ntf2]	1-Ethyl-3-methylimidazolium bis(trifluoromethylsulfonyl)amide
[C2C1im]	[Ala]	1-Ethyl-3-methylimidazolium alaninate
[C2C1im]	[C4SO4]	1-Ethyl-3-methylimidazolium butylsulfate
[C2C1im]	[C4BF3]	1-Ethyl-3-methylimidazolium butyltrifluoroborate
[C2C1im]	[AlCl4]	1-Ethyl-3-methylimidazolium chloroaluminate
[C2C1im]	[GaCl4]	1-Ethyl-3-methylimidazolium chlorogallate
[C2C1im]	[FeCl4]	1-Ethyl-3-methylimidazolium chloroferrate
[C2C1im]	[InCl4]	1-Ethyl-3-methylimidazolium chloroindiumate
[C2C1im]	[I9]	1-Butyl-3-methylimidazolium eneioidide
[C2C1im]	[N(CN)2]	1-Ethyl-3-methylimidazolium dicyanamide
[C2C1im]	[C2SO4]	1-Ethyl-3-methylimidazolium ethylsulfate
[C2C1im]	[C2BF3]	1-Ethyl-3-methylimidazolium ethyltrifluoroborate
[C2C1im]	[Gly]	1-Ethyl-3-methylimidazolium glycinate
[C2C1im]	[I7]	1-Ethyl-3-methylimidazolium heptaoidide
[C2C1im]	[C1HPO3]	1-Ethyl-3-methylimidazolium methylphosphonate
[C2C1im]	[C1SO4]	1-Ethyl-3-methylimidazolium methylsulfate
[C2C1im]	[C1SO3]	1-Ethyl-3-methylimidazolium methylsulfonate
[C2C1im]	[C1BF3]	1-Ethyl-3-methylimidazolium methyltrifluoroborate
[C2C1im]	[C8SO4]	1-Ethyl-3-methylimidazolium octylsulfate
[C2C1im]	[C3SO4]	1-Ethyl-3-methylimidazolium propylsulfate
[C2C1im]	[C5BF3]	1-Ethyl-3-methylimidazolium pentyltrifluoroborate
[C2C1im]	[C3BF3]	1-Ethyl-3-methylimidazolium propyltrifluoroborate
[C2C1im]	[B(CN)4]	1-Ethyl-3-methylimidazolium tetracyanoborate
[C2C1im]	[BF4]	1-Ethyl-3-methylimidazolium tetrafluoroborate
[C2C1im]	[C2H3BF3]	1-Ethyl-3-methylimidazolium vinyltrifluoroborate
[C2C1im]	[PF3(C2F5)3]	1-Ethyl-3-methylimidazolium tris(pentafluoroethyl)trifluorophosphate
[C2C1im]	[Otf]	1-Ethyl-3-methylimidazolium trifluoromethylsulfonate
[C2C1im]	[SCN]	1-Ethyl-3-methylimidazolium thiocyanate
[C2C1im]	[C(CN)3]	1-Ethyl-3-methylimidazolium tricyanomethanide
[C2C1im]	Br	1-Ethyl-3-methylimidazolium bromide
[C2C1im]	[Npf2]	1-Ethyl-3-methylimidazolium bis(perfluoroethanesulfonyl)imide
[C3C1im]	[Ala]	1-Propyl-3-methylimidazolium alaninate
[C3C1im]	[Ntf2]	1-Propyl-3-methylimidazolium bis(trifluoromethylsulfonyl)amide
[C3C1im]	[C2SO4]	1-Propyl-3-methylimidazolium ethylsulfate
[C3C1im]	[C4SO4]	1-Propyl-3-methylimidazolium butylsulfate
[C3C1im]	[Glu]	1-Propyl-3-methylimidazolium glutamate
[C3C1im]	[PF6]	1-Propyl-3-methylimidazolium hexafluorophosphate
[C3C1im]	[C1SO4]	1-Propyl-3-methylimidazolium methylsulfate
[C3C1im]	[C3SO4]	1-Propyl-3-methylimidazolium propylsulfate
[C4C1im]	[SCN]	1-Butyl-3-methylimidazolium thiocyanate
[C4C1im]	[Tos]	1-Butyl-3-methylimidazolium tosylate
[C4C1im]	[Otf]	1-Butyl-3-methylimidazolium trifluoromethylsulfonate
[C4C1im]	[Ctf3]	1-Butyl-3-methylimidazolium tris(trifluoromethylsulfonyl)methide
[C4C1im]	Br	1-Butyl-3-methylimidazolium bromide
[C4C1im]	[I3]	1-Butyl-3-methylimidazolium triiodide
[C4C1im]	[Npf2]	1-Butyl-3-methylimidazolium bis(perfluoroethanesulfonyl)imide
[C4C1im]	[Ala]	1-Butyl-3-methylimidazolium alaninate
[C4C1im]	[Au(CN)2]	1-Butyl-3-methylimidazolium aurocyanide
[C4C1im]	[Ntf2]	1-Butyl-3-methylimidazolium bis(trifluoromethylsulfonyl)amide
[C4C1im]	[C4SO4]	1-Butyl-3-methylimidazolium butylsulfate
[C4C1im]	Cl	1-Butyl-3-methylimidazolium chloride
[C4C1im]	[ZnCl3]	1-Butyl-3-methylimidazolium chloride:zinc chloride (1:1)
[C4C1im]	[Zn3Cl7]	1-Butyl-3-methylimidazolium chloride:zinc chloride (1:3)
[C4C1im]	[AlCl4]	1-Butyl-3-methylimidazolium chloroaluminate
[C4C1im]	[FeCl4]	1-Butyl-3-methylimidazolium chloroferrate
[C4C1im]	[GaCl4]	1-Butyl-3-methylimidazolium chlorogallate
[C4C1im]	[N(CN)2]	1-Butyl-3-methylimidazolium dicyanamide
[C4C1im]	[C2SO4]	1-Butyl-3-methylimidazolium ethylsulfate
[C4C1im]	[Glu]	1-Butyl-3-methylimidazolium glutamate
[C4C1im]	[I7]	1-Butyl-3-methylimidazolium heptaoidide
[C4C1im]	[PF6]	1-Butyl-3-methylimidazolium hexafluorophosphate
[C4C1im]	I	1-Butyl-3-methylimidazolium iodide
[C4C1im]	[C1SO4]	1-Butyl-3-methylimidazolium methylsulfate
[C4C1im]	[C8SO4]	1-Butyl-3-methylimidazolium octylsulfate
[C4C1im]	[I5]	1-Butyl-3-methylimidazolium pentaoidide
[C4C1im]	[ClO4]	1-Butyl-3-methylimidazolium perchlorate
[C4C1im]	[C3SO4]	1-Butyl-3-methylimidazolium propylsulfate
[C4C1im]	[BF4]	1-Butyl-3-methylimidazolium tetrafluoroborate
[C4C1im]	[C4SO3]	1-Butyl-3-methylimidazolium butanesulfonate
[C4C1im]	[C8SO3]	1-Butyl-3-methylimidazolium octanesulfonate
[C5C1im]	[Ntf2]	1-Pentyl-3-methylimidazolium bis(trifluoromethylsulfonyl)amide
[C5C1im]	[Ala]	1-Pentyl-3-methylimidazolium alaninate
[C5C1im]	[AlCl4]	1-Pentyl-3-methylimidazolium chloroaluminate

[C5C1im]	[GaCl4]	1-Pentyl-3-methylimidazolium chlorogallate
[C5C1im]	[InCl4]	1-Pentyl-3-methylimidazolium chloroindiumate
[C5C1im]	[Gly]	1-Pentyl-3-methylimidazolium glycinate
[C5C1im]	[BF4]	1-Pentyl-3-methylimidazolium tetrafluoroborate
[C6C1im]	[Ala]	1-Hexyl-3-methylimidazolium alaninate
[C6C1im]	[Ntf2]	1-Hexyl-3-methylimidazolium bis(trifluoromethylsulfonyl)amide
[C6C1im]	Cl	1-Hexyl-3-methylimidazolium chloride
[C6C1im]	[AlCl4]	1-Hexyl-3-methylimidazolium chloroaluminat
[C6C1im]	[GaCl4]	1-Hexyl-3-methylimidazolium chlorogallate
[C6C1im]	[InCl4]	1-Hexyl-3-methylimidazolium chloroindiumate
[C6C1im]	[C2SO4]	1-Hexyl-3-methylimidazolium ethylsulfate
[C6C1im]	[Gly]	1-Hexyl-3-methylimidazolium glycinate
[C6C1im]	[PF6]	1-Hexyl-3-methylimidazolium hexafluorophosphate
[C6C1im]	I	1-Hexyl-3-methylimidazolium iodide
[C6C1im]	[C1SO4]	1-Hexyl-3-methylimidazolium methylsulfate
[C6C1im]	[BF4]	1-Hexyl-3-methylimidazolium tetrafluoroborate
[C6C1im]	[Npf2]	1-Hexyl-3-methylimidazolium bis(perfluoroethanesulfonyl)imide
[C6C1im]	Br	1-Hexyl-3-methylimidazolium bromide
[C7C1im]	[Ntf2]	1-Heptyl-3-methylimidazolium bis(trifluoromethylsulfonyl)amide
[C8C1im]	[Npf2]	1-Octyl-3-methylimidazolium bis(perfluoroethanesulfonyl)imide
[C8C1im]	[C1SO3]	1-Octyl-3-methylimidazolium methanesulfonate
[C8C1im]	[N(C2F5SO2)2]	1-Octyl-3-methylimidazolium bis(pentafluoroethylsulfonyl)amide
[C8C1im]	[Ntf2]	1-Octyl-3-methylimidazolium bis(trifluoromethylsulfonyl)amide
[C8C1im]	Br	1-Octyl-3-methylimidazolium bromide
[C8C1im]	Cl	1-Octyl-3-methylimidazolium chloride
[C8C1im]	[N(CN)2]	1-Octyl-3-methylimidazolium dicyanamide
[C8C1im]	[C2SO4]	1-Octyl-3-methylimidazolium ethylsulfate
[C8C1im]	[PF6]	1-Octyl-3-methylimidazolium hexafluorophosphate
[C8C1im]	I	1-Octyl-3-methylimidazolium iodide
[C8C1im]	[C1SO4]	1-Octyl-3-methylimidazolium methylsulfate
[C8C1im]	[NO3]	1-Octyl-3-methylimidazolium nitrate
[C8C1im]	[B(CN)4]	1-Octyl-3-methylimidazolium tetracyanoborate
[C8C1im]	[BF4]	1-Octyl-3-methylimidazolium tetrafluoroborate
[C8C1im]	[PF3(C2F5)3]	1-Octyl-3-methylimidazolium tris(pentafluoroethyl)trifluorophosphate
[C8C1im]	[Otf]	1-Octyl-3-methylimidazolium trifluoromethylsulfonate
[C8C1im]	[C4SO3]	1-Octyl-3-methylimidazolium butanesulfonate
[C8C1im]	[C8SO3]	1-Octyl-3-methylimidazolium octanesulfonate
[C8C1im]	[C8SO4]	1-Octyl-3-methylimidazolium octylsulfate
[C10C1im]	[BF4]	1-Decyl-3-methylimidazolium tetrafluoroborate
[C10C1im]	[Ntf2]	1-Decyl-3-methylimidazolium bis(trifluoromethylsulfonyl)amide
[C10C1im]	[N(CN)2]	1-Decyl-3-methylimidazolium dicyanamide
[C10C1im]	[PF6]	1-Decyl-3-methylimidazolium hexafluorophosphate
[C10C1im]	Br	1-Decyl-3-methylimidazolium bromide
[C10C1im]	Cl	1-Decyl-3-methylimidazolium chloride
[C10C1im]	[C1SO3]	1-Decyl-3-methylimidazolium methanesulfonate
[C12C1im]	[Ntf2]	1-Dodecyl-3-methylimidazolium bis(trifluoromethylsulfonyl)amide
[C12C1im]	[PF6]	1-Dodecyl-3-methylimidazolium hexafluorophosphate
[C12C1im]	[BF4]	1-Dodecyl-3-methylimidazolium tetrafluoroborate
[C12C1im]	[C1SO3]	1-Dodecyl-3-methylimidazolium methanesulfonate
[C12C1im]	Br	1-Dodecyl-3-methylimidazolium bromide
[C12C1im]	Cl	1-Dodecyl-3-methylimidazolium chloride
[C14C1im]	[Ntf2]	1-Tetradecyl-3-methylimidazolium bis(trifluoromethylsulfonyl)amide
[C14C1im]	[PF6]	1-Tetradecyl-3-methylimidazolium hexafluorophosphate
[C14C1im]	Br	1-Tetradecyl-3-methylimidazolium bromide
[C14C1im]	Cl	1-Tetradecyl-3-methylimidazolium chloride
[C16C1im]	Cl	1-Hexadecyl-3-methylimidazolium chloride
[C16C1im]	[PF6]	1-Hexadecyl-3-methylimidazolium hexafluorophosphate
[C16C1im]	Br	1-Hexadecyl-3-methylimidazolium bromide
[C16C1im]	[BF4]	1-Hexadecyl-3-methylimidazolium tetrafluoroborate
[C16C1im]	[BF4]	1-Hexadecyl-3-methylimidazolium tetrafluoroborate
[C18C1im]	Cl	1-Octadecyl-3-methylimidazolium chloride

**Other imidazolium based ionic liquids, [(X)C<sub>n</sub>C<sub>m</sub>im]**

[im]	Cl	Imidazolium chloride
[im]	[C5CO2]	Imidazolium pentanoate
[im]	[C6CO2]	Imidazolium hexanoate
[im]	[C7CO2]	Imidazolium heptanoate
[im]	[C8CO2]	Imidazolium octanoate
[C1im]	Cl	1-Methylimidazolium chloride
[C2im]	Cl	1-Ethylimidazolium chloride
[C2C2im]	[Ntf2]	1,3-Diethylimidazolium bis(trifluoromethylsulfonyl)amide
[C3C1C1im]	[Ntf2]	1,2-Dimethyl-3-propylimidazolium bis(trifluoromethylsulfonyl)amide
[C4C4im]	[Ntf2]	1-Butyl-3-butylimidazolium bis(trifluoromethylsulfonyl)amide
[C4C1C1im]	[Ntf2]	1-Butyl-2,3-dimethylimidazolium bis(trifluoromethylsulfonyl)amide
[(OH)C2C1im]	[Ntf2]	1-(2-Hydroxyethyl)-3-methylimidazolium bis(trifluoromethylsulfonyl)amide
[(OH)C2C1im]	[N(CN)2]	1-(2-Hydroxyethyl)-3-methylimidazolium dicyanamide
[(NH2)C2C1im]	[PF6]	1-(2-Aminoethyl)-3-methylimidazolium hexafluorophosphate
[C4C1C1im]	[N(CN)2]	1-Butyl-2,3-dimethylimidazolium dicyanamide
[iC4C1im]	[N(CN)2]	1-Isobutyl-3-methylimidazolium dicyanamide
[C4(C1im)2]	[N(CN)2]	1-Butyl-1',3-dimethyl-2,2'-biimidazolium dicyanamide
[PhC2C1im]	[Ntf2]	1-(2-Phenylethyl)-3-methylimidazolium bis(trifluoromethylsulfonyl)amide

[(CN)C3C1C1im]	[Ntf2]	1-(3-cyanopropyl)-2,3-dimethylimidazolium bis(trifluoromethylsulfonyl)amide
[(CN)C3C1im]	[Ntf2]	1-(3-cyanopropyl)-3-methylimidazolium bis(trifluoromethylsulfonyl)amide
[PhC3C1im]	[Ntf2]	1-(3-Phenylpropyl)-3-methylimidazolium bis(trifluoromethylsulfonyl)amide
[PhC1C1im]	[Ntf2]	1-(Phenylmethyl)-3-methylimidazolium bis(trifluoromethylsulfonyl)amide
[(COC)2C1C1im]	[Ntf2]	1-[2-(2-Methoxyethoxy)ethyl]-3-methylimidazolium bis(trifluoromethylsulfonyl)amide
[(CN)C3C1C1im]	[N(CN)2]	1-(3-cyanopropyl)-2,3-dimethylimidazolium dicyanamide
[(CN)C3C1im]	[N(CN)2]	1-(3-cyanopropyl)-3-methylimidazolium dicyanamide
[(NH2)C4C1im]	[N(CN)2]	1-(4-Aminobutyl)-3-methylimidazolium dicyanamide
[PhC3C1im]	[PF6]	1-(3-Phenylpropyl)-3-methylimidazolium hexafluorophosphate
[C4C1C1im]	[PF6]	1-Butyl-2,3-dimethylimidazolium hexafluorophosphate
[(COOH)C1C1im]	[PF6]	1-Carboxymethyl-3-methylimidazolium hexafluorophosphate
[(NH2)C2C1im]	[BF4]	1-(2-Aminoethyl)-3-methylimidazolium tetrafluoroborate
[(OH)C2C1im]	[BF4]	1-(2-Hydroxyethyl)-3-methylimidazolium tetrafluoroborate
[(COC)C1C1im]	[BF4]	1-(2-Methoxyethyl)-3-methylimidazolium tetrafluoroborate
[(CN)C3C1im]	[BF4]	1-(3-cyanopropyl)-3-methylimidazolium tetrafluoroborate
[(NH2)C4C1im]	[BF4]	1-(4-Aminobutyl)-3-methylimidazolium tetrafluoroborate
[(COOH)C1C1im]	[BF4]	1-Carboxymethyl-3-methylimidazolium tetrafluoroborate
[iC4H7C1im]	[BF4]	1-Isobutenyl-3-methylimidazolium tetrafluoroborate
[(C2SO2)C2C1im]	[Otf]	1-(2-(ethylsulfonyl)ethyl)-3-methylimidazolium trifluoromethylsulfonate
[C12C1C1im]	Br	1-Dodecyl-2,3-dimethylimidazolium bromide
[C14C1C1im]	Br	1-Tetradecyl-2,3-dimethylimidazolium bromide
[C16C1C1im]	Br	1-Hexadecyl-2,3-dimethylimidazolium bromide
[C4C6im]	Br	1-Butyl-3-hexylimidazolium bromide
[C4C8im]	Br	1-Butyl-3-octylimidazolium bromide
[C4C10im]	Br	1-Butyl-3-decylimidazolium bromide
[C4C12im]	Br	1-Butyl-3-dodecylimidazolium bromide
[C4C16im]	Br	1-Butyl-3-hexadecylimidazolium bromide
[C8C8im]	Br	1,3-Dioctylimidazolium bromide
[C12C12im]	Br	1,3-Didodecylimidazolium bromide
[(CH3)3SiC4im]	[PF6]	1-Butyl-3-trimethylsilylimidazolium hexafluorophosphate
[C1im-C10-C1im]	Br2	1,4-Bis(3-methylimidazolium-1-yl)decane bromide
[C4im-C8-C4im]	Br2	1,4-Bis(3-butylimidazolium-1-yl)octane bromide
[C4im-C10-C4im]	Br2	1,4-Bis(3-butylimidazolium-1-yl)decane bromide
[C4im-C12-C4im]	Br2	1,4-Bis(3-butylimidazolium-1-yl)dodecane bromide
[C10im-C4-C10im]	Br2	1,4-Bis(3-decylimidazolium-1-yl)butane bromide
[C10im-C12-C10im]	Br2	1,4-Bis(3-decylimidazolium-1-yl)dodecane bromide
[C14im-C4-C14im]	Br2	1,4-Bis(3-tetradecylimidazolium-1-yl)butane bromide
[C6(OCH2)C1im]	[BF4]	1-Hexyloxymethyl-3-methylimidazolium tetrafluoroborate
[(C6OCH2)2im]	[BF4]	1,3-Dihexyloxymethylimidazolium tetrafluoroborate
[C12im-C4-C12im]	Br2	1,4-Bis(3-dodecylimidazolium-1-yl)butane bromide
[C10(OOCOCH2)C1im]	Br	1-[Decyloxycarbonylmethyl]-3-methylimidazolium bromide
[C14(OOCOCH2)C1im]	Br	1-[Tetradecyloxycarbonylmethyl]-3-methylimidazolium bromide
[C16(OOCOCH2)C1im]	Br	1-[Hexadecyloxycarbonylmethyl]-3-methylimidazolium bromide
[C10(NHCOCH2)C1im]	Br	1-[Tetradecyloxyacetamide]-3-methylimidazolium bromide
[C14(NHCOCH2)C1im]	Br	1-[Hexadecyloxyacetamide]-3-methylimidazolium bromide
[C16(NHCOCH2)C1im]	Br	1-[Decyloxyacetamide]-3-methylimidazolium bromide
[C12im-C2-C12im]	Br2	1,2-Bis(3-dodecylimidazolium-1-yl)ethane bromide
[C12im-C6-C12im]	Br2	1,6-Bis(3-dodecylimidazolium-1-yl)hexane bromide
[carbazoleC6C1im]	Br	1-( <i>N</i> -carbazole)hexyl-3-methylimidazolium bromide
[carbazoleC10C1im]	Br	1-( <i>N</i> -carbazole)decyl-3-methylimidazolium bromide
[carbazoleC12C1im]	Br	1-( <i>N</i> -carbazole)dodecyl-3-methylimidazolium bromide

#### Pyridinium (Py)

[(CN)C3py]	[Ntf2]	<i>N</i> -(3-cyanopropyl)pyridinium bis(trifluoromethylsulfonyl)amide
[C4py]	[Ntf2]	<i>N</i> -Butylpyridinium bis(trifluoromethylsulfonyl)amide
[C2py]	[Ntf2]	<i>N</i> -Ethylpyridinium bis(trifluoromethylsulfonyl)amide
[C5py]	[Ntf2]	<i>N</i> -Pentylpyridinium bis(trifluoromethylsulfonyl)amide
[C3-3-C1py]	[Ntf2]	<i>N</i> -Propyl-3-methylpyridinium bis(trifluoromethylsulfonyl)amide
[(CN)C3py]	[N(CN)2]	<i>N</i> -(3-cyanopropyl)pyridinium dicyanamide
[C4-3-C1py]	[N(CN)2]	<i>N</i> -Butyl-3-methylpyridinium dicyanamide
[C2-3-C1py]	[C2SO4]	<i>N</i> -Ethyl-3-methylpyridinium ethylsulfate
[C4py]	[ReO4]	<i>N</i> -Butylpyridinium rheniumate
[C2py]	[ReO4]	<i>N</i> -Ethylpyridinium rheniumate
[C6py]	[ReO4]	<i>N</i> -Hexylpyridinium rheniumate
[C3py]	[ReO4]	<i>N</i> -Propylpyridinium rheniumate
[C4-2-C1py]	[BF4]	<i>N</i> -Butyl-2-methylpyridinium tetrafluoroborate
[C4-3-C1py]	[BF4]	<i>N</i> -Butyl-3-methylpyridinium tetrafluoroborate
[C4-4-C1py]	[BF4]	<i>N</i> -Butyl-4-methylpyridinium tetrafluoroborate
[C4py]	[BF4]	<i>N</i> -Butylpyridinium tetrafluoroborate
[C8-3-C1py]	[BF4]	<i>N</i> -Octyl-3-methylpyridinium tetrafluoroborate
[C4-4-C1py]	[SCN]	<i>N</i> -Butyl-4-methylpyridinium thiocyanate
[C4py]	[Otf]	<i>N</i> -Butylpyridinium trifluoromethylsulfonate
[C10-3-C1py]	Cl	1-Decyl-3-methylpyridinium chloride
[C12-3-C1py]	Cl	1-Dodecyl-3-methylpyridinium chloride
[C12-3-C1py]	Br	1-Dodecyl-3-methylpyridinium bromide
[C16-3-C1py]	Cl	1-Hexadecyl-3-methylpyridinium chloride
[C18-3-C1py]	Cl	1-Octadecyl-3-methylpyridinium chloride

#### Ammonium (N) [including pyrrolidinium (pyrr) and piperidinium (pip)] based ionic liquids

[N1 1 i3OH i3OH]	[Ntf2]	Dimethyl-isopropyl-(2-hydroxyethyl)-ammonium bis(trifluoromethylsulfonyl)amide
[N1 1 i3 4]	[Ntf2]	Dimethyl-isopropyl-butylammonium bis(trifluoromethylsulfonyl)amide

[N1 1 i3 10]	[Ntf2]	Dimethyl-isopropyl-decylammonium bis(trifluoromethylsulfonyl)amide
[N1 1 i3 6]	[Ntf2]	Dimethyl-isopropyl-hexylammonium bis(trifluoromethylsulfonyl)amide
[N1 1 i3 3]	[Ntf2]	Dimethyl-isopropyl-propylammonium bis(trifluoromethylsulfonyl)amide
[N2 2 2 6]	[Ntf2]	Triethyl-hexylammonium bis(trifluoromethylsulfonyl)amide
[N1 1 1 3]	[Ntf2]	Trimethyl-propylammonium bis(trifluoromethylsulfonyl)amide
[N1 1 1 4]	[Ntf2]	Trimethyl-butylammonium bis(trifluoromethylsulfonyl)amide
[N1 1 1 10]	[Ntf2]	Trimethyl-decylammonium bis(trifluoromethylsulfonyl)amide
[N1 1 1 6]	[Ntf2]	Trimethyl-hexylammonium bis(trifluoromethylsulfonyl)amide
[N8 8 8 1]	[Ntf2]	Trioctyl-methylammonium bis(trifluoromethylsulfonyl)amide
[N8 8 8 1]	Cl	Trioctyl-methylammonium chloride
[N8 8 8 1]	[N(CN)2]	Trioctyl-methylammonium dicyanamide
[N 2OH 0 0 0]	[C4COO]	2-Hydroxyethylammonium pentanoate
[N2OH 2OH 0 0]	[C4COO]	Di(2-hydroxyethyl)ammonium pentanoate
[N 2OH 2OH 2OH 0]	[C4COO]	Tri(2-hydroxyethyl)ammonium pentanoate
[NO 0 0 2]	[NO3]	Ethylammonium nitrate
[NO 0 0 5]	[NO3]	Pentylammonium nitrate
[NO 0 0 8]	[NO3]	Octylammonium nitrate
[NO 0 0 10]	[NO3]	Decylammonium nitrate
[NO 0 0 12]	[NO3]	Dodecylammonium nitrate
[N1 1 2 OH2]	[BF4]	Ethyl(2-hydroxyethyl)dimethylammonium tetrafluoroborate
[N1 1 2 OH2]	[N(CN)2]	Ethyl(2-hydroxyethyl)dimethylammonium dicyanamide
[N1 1 2 OH2]	[PF6]	Ethyl(2-hydroxyethyl)dimethylammonium hexafluorophosphate
[N1 1 3 OH2]	Br	Propyl(2-hydroxyethyl)dimethylammonium bromide
[N1 1 4 OH2]	Br	Butyl(2-hydroxyethyl)dimethylammonium bromide
[N1 1 6 OH2]	Br	Hexyl(2-hydroxyethyl)dimethylammonium bromide
[N1 1 6OH 14(NHCOO)]	Br	(1-Hydroxymethyl-3-methyl-butyl)-dimethyl-(2-undec-10-enylloxycarbonylaminoethyl)ammonium bromide
[N1 1 6OH 13(CH2NHCOO)]	Br	(1-Hydroxymethyl-3-methyl-butyl)-dimethyl-(2-undecyloxycarbonylaminoethyl)ammonium bromide
[(OH)C2C1pyrr]	[Ntf2]	N-(2-Hydroxyethyl)-N-methylpyrrolidinium bis(trifluoromethylsulfonyl)amide
[C1C4pyrr]	[Ntf2]	N-Butyl-N-methylpyrrolidinium bis(trifluoromethylsulfonyl)amide
[C1C10pyrr]	[Ntf2]	N-Decyl-N-methylpyrrolidinium bis(trifluoromethylsulfonyl)amide
[C1C6pyrr]	[Ntf2]	N-Hexyl-N-methylpyrrolidinium bis(trifluoromethylsulfonyl)amide
[C1C3pyrr]	[Ntf2]	N-Propyl-N-methylpyrrolidinium bis(trifluoromethylsulfonyl)amide
[C1C4pyrr]	[N(CN)2]	N-Butyl-N-methylpyrrolidinium dicyanamide
[C1C4pyrr]	[SCN]	N-Butyl-N-methylpyrrolidinium thiocyanate
[C1C4pyrr]	[CF3COO]	N-Butyl-N-methylpyrrolidinium trifluoroacetate
[C1C4pyrr]	[PF3(C2F5)3]	N-Butyl-N-methylpyrrolidinium tris(pentafluoroethyl)trifluorophosphate
[C12C1pyrr]	Br	1-Dodecyl-1-methylpyrrolidinium bromide
[pyrr]	[C5CO2]	Pyrrolidinium pentanoate
[pyrr]	[C6CO2]	Pyrrolidinium hexanoate
[pyrr]	[C7CO2]	Pyrrolidinium heptanoate
[pyrr]	[C8CO2]	Pyrrolidinium octanoate
[C1C3pip]	[Ntf2]	N-Methyl-N-propylpiperidinium bis(trifluoromethylsulfonyl)amide
[C12C1pip]	Br	1-Dodecyl-1-methylpiperidinium bromide

#### Phosphonium (P) based ionic liquids

[P6 6 6 14]	[Ntf2]	Trihexyl-tetradecylphosphonium bis(trifluoromethylsulfonyl)amide
[P6 6 6 14]	Cl	Trihexyl-tetradecylphosphonium chloride
[P6 6 6 14]	[N(CN)2]	Trihexyl-tetradecylphosphonium dicyanamide
[P6 6 6 14]	[tolSO3]	Trihexyl-tetradecylphosphonium p-toluenesulfonate
[P4 4 4 2]	[C2C2PO4]	Tributyl-ethylphosphonium diethylphosphate

#### Guanidinium (gu) based ionic liquids

[gu1 1 6 6 6 6]	[Ntf2]	1,2,3,4-Tetrahexyl-5,6-dimethylguanidinium bis(trifluoromethylsulfonyl)amide
[gu1 1 6 6 6 6]	Cl	1,2,3,4-Tetrahexyl-5,6-dimethylguanidinium chloride
[gu1 1 6 6 6 6]	[N(CN)2]	1,2,3,4-Tetrahexyl-5,6-dimethylguanidinium dicyanamide
[gu1 1 c2h3 c2h3 c2h3 c2h3]	[Ntf2]	1,2,3,4-Tetra-allyl-5,6-dimethylguanidinium bis(trifluoromethylsulfonyl)amide
[gu1 1 2 c2h3 2 c2h3]	[Ntf2]	1,3-Diallyl-2,4-diethyl-5,6-dimethylguanidinium bis(trifluoromethylsulfonyl)amide
[gu1 1 c2h3 c2h3 c2h3 c2h3]	[C7F15COO]	1,2,3,4-Tetra-allyl-5,6-dimethylguanidinium perfluorooctanoate

SURFACE TENSION DATABASE FOR IONIC LIQUID CONTAINING SOLUTIONS

YEAR	CATION	ANION	IONIC LIQUID	T RANGE / K	SOLVENT	FOCUS	$\sigma$ RANGE / mN.m <sup>-1</sup>	IL Content	DATA METHOD	REF	
2001	1	[C4C1im]	[PF6]	1-Butyl-3-methylimidazolium hexafluorophosphate	298	water	ST	49.8	wIL = 0.988	1 DNR 14	
	2	[C6C1im]	[PF6]	1-Hexyl-3-methylimidazolium hexafluorophosphate	298	water	ST	36.8	wIL = 0.991	1 DNR 14	
	3	[C8C1im]	[PF6]	1-Octyl-3-methylimidazolium hexafluorophosphate	298	water	ST	34.2	wIL = 0.993	1 DNR 14	
		[C4C1im]	[Ntf2]	1-Butyl-3-methylimidazolium bis(trifluoromethylsulfonyl)imide	298	water	ST	36.8	wIL = 0.997	1 DNR 14	
2004	4	[C4C1im]	[BF4]	1-Butyl-3-methylimidazolium tetrafluoroborate	298	water	CMC	72 - 35	[IL] = 0.001 - 1.0 mol/L	19 WP 144	
	5	[C4C1im]	Br	1-Butyl-3-methylimidazolium bromide	298	water	CMC	74 - 55	[IL] = 0.01 - 1.0 mol/L	6 DNR 145	
	6	[C8C1im]	Cl	1-Octyl-3-methylimidazolium chloride	298	water	CMC	72 - 35	[IL] = 0.0 - 1.0 mol/L	17 WP 144	
	7	[C8C1im]	I	1-Octyl-3-methylimidazolium iodide	298	water	CMC	72 - 35	[IL] = 0.0 - 1.0 mol/L	15 WP 144	
	8	[C10C1im]	Br	1-Decyl-3-methylimidazolium bromide	298	water	CMC	65 - 35	[IL] = 0.01 - 1.0 mol/L	7 DNR 145	
2005	9	[C4C1im]	[BF4]	1-Butyl-3-methylimidazolium tetrafluoroborate	298	water	ST	40 - 74 (minimum xIL=0.016)	xIL = 0 - 1	35 DNR 102	
	10	[C4C1im]	[PF6]	1-Butyl-3-methylimidazolium hexafluorophosphate	298.15	C4mimPF6 + TX-100	CMC	33 - 46	[TX-100] = 0 - 0.1 mol/L	20 UNKN 143	
2006	11	[C4C1im]	Cl	1-Butyl-3-methylimidazolium chloride	UNKN	water	CMC	73 - 45	xIL = 0 - 1	6 WP 138	
	12	[C4C1im]	[BF4]	1-Butyl-3-methylimidazolium tetrafluoroborate	298	water	ST	74.07 - 45.74	xIL = 0 - 1	16 PD 46	
	13	[C4C1im]	[BF4]	1-Butyl-3-methylimidazolium tetrafluoroborate	298	water	ST	40 - 74 (minimum xIL=0.016)	xIL = 0 - 1	32 DNR 139	
	14	[C4C1im]	[BF4]	1-Butyl-3-methylimidazolium tetrafluoroborate	279 - 294	water	ST	36 - 74 (minimum xIL = 0.016)	xIL = 0 - 1	65 WP 101	
	15	[C4C1C1im]	[BF4]	1-Butyl-2,3-dimethylimidazolium tetrafluoroborate	280 - 294	water	ST	39 - 74 (minimum xIL = 0.041)	xIL = 0 - 1	77 WP 101	
	16	[C10C1im]	Cl	1-Decyl-3-methylimidazolium chloride	UNKN	water	CMC	74 - 25	wIL = 0 - 0.005	9 WP 138	
	17	[C12C1im]	[PF6]	1-Dodecyl-3-methylimidazolium hexafluorophosphate	UNKN	water + $\beta$ -cyclodextrin ( $\beta$ -CD)	INC	46 - 68	[IL] = 2.55 mM, [ $\beta$ -CD] = 0 - 5 mM	12 UNKN 140	
	18	[C14C1im]	[PF6]	1-Tetradecyl-3-methylimidazolium hexafluorophosphate	UNKN	water + $\beta$ -cyclodextrin ( $\beta$ -CD)	INC	46 - 68	[IL] = 2.55 mM, [ $\beta$ -CD] = 0 - 5 mM	12 UNKN 140	
	19	[C16C1im]	Cl	1-Hexadecyl-3-methylimidazolium chloride	UNKN	water	CMC	74 - 35	wIL = 0 - 0.005	8 WP 138	
	20	[C16C1im]	[PF6]	1-Hexadecyl-3-methylimidazolium hexafluorophosphate	UNKN	water + $\beta$ -cyclodextrin ( $\beta$ -CD)	INC	42 - 57	[IL] = 2.55 mM, [ $\beta$ -CD] = 0 - 5 mM	11 UNKN 140	
	21	[C2C1im]	[Ntf2]	1-Ethyl-3-methylimidazolium bis(trifluoromethylsulfonyl)imide	295	water	CMC	75 - 53	[IL] = 0 - 0.035 mol/L	17 DNR 141	
	22	[C4C1im]	[Ntf2]	1-Butyl-3-methylimidazolium bis(trifluoromethylsulfonyl)imide	295	water	CMC	75 - 47	[IL] = 0 - 0.020 mol/L	16 DNR 141	
	23	[C6C1im]	[Ntf2]	1-Hexyl-3-methylimidazolium bis(trifluoromethylsulfonyl)imide	295	water	CMC	75 - 45	[IL] = 0 - 0.010 mol/L	12 DNR 141	
	24	[C8C1im]	[Ntf2]	1-Octyl-3-methylimidazolium bis(trifluoromethylsulfonyl)imide	295	water	CMC	75 - 45	[IL] = 0 - 0.005 mol/L	11 DNR 141	
	25	[C2C1im]	[Npf2]	1-Ethyl-3-methylimidazolium bis(perfluoroethanesulfonyl)imide	295	water	CMC	75 - 45	[IL] = 0 - 0.010 mol/L	10 DNR 141	
	26	[C4C1im]	[Npf2]	1-Butyl-3-methylimidazolium bis(perfluoroethanesulfonyl)imide	295	water	CMC	75 - 45	[IL] = 0 - 0.005 mol/L	11 DNR 141	
	27	[C6C1im]	[Npf2]	1-Hexyl-3-methylimidazolium bis(perfluoroethanesulfonyl)imide	295	water	CMC	75 - 45	[IL] = 0 - 0.003 mol/L	10 DNR 141	
	28	[C8C1im]	[Npf2]	1-Octyl-3-methylimidazolium bis(perfluoroethanesulfonyl)imide	295	water	CMC	75 - 45	[IL] = 0 - 0.002 mol/L	11 DNR 141	
	29	[C10C1im]	Br	1-Decyl-3-methylimidazolium bromide	295	water	CMC	60 - 40	[IL] = 0.01 - 0.05 mol/L	10 DNR 141	
	30	[C12C1im]	Br	1-Dodecyl-3-methylimidazolium bromide	295	water	CMC	75 - 38	[IL] = 0 - 0.025 mol/L	13 DNR 141	
	31	[C14C1im]	Br	1-Tetradecyl-3-methylimidazolium bromide	295	water	CMC	75 - 35	[IL] = 0 - 0.020 mol/L	14 DNR 141	
	32	[C16C1im]	Br	1-Hexadecyl-3-methylimidazolium bromide	295	water	CMC	75 - 35	[IL] = 0 - 0.010 mol/L	15 DNR 141	
	33	[C12C1C1im]	Br	1-Dodecyl-2,3-dimethylimidazolium bromide	295	water	CMC	75 - 40	[IL] = 0 - 0.015 mol/L	9 DNR 141	
	34	[C14C1C1im]	Br	1-Tetradecyl-2,3-dimethylimidazolium bromide	295	water	CMC	75 - 40	[IL] = 0 - 0.005 mol/L	9 DNR 141	
	35	[C16C1C1im]	Br	1-Hexadecyl-2,3-dimethylimidazolium bromide	295	water	CMC	75 - 40	[IL] = 0 - 0.015 mol/L	9 DNR 141	
	36	[NO 0 0 5]	[NO3]	Pentylammonium nitrate	298	[NO 0 0 2][NO3]	CMC	47 - 39	[IL] = 0.0006 - 1.0 mol/L	12 UNKN 142	
	37	[NO 0 0 8]	[NO3]	Octylammonium nitrate	298	[NO 0 0 2][NO3]	CMC	49 - 35	[IL] = 0.0006 - 1.0 mol/L	15 UNKN 142	
	38	[NO 0 0 10]	[NO3]	Decylammonium nitrate	298	[NO 0 0 2][NO3]	CMC	49 - 35	[IL] = 0.0006 - 1.0 mol/L	14 UNKN 142	
	39	[NO 0 0 12]	[NO3]	Dodecylammonium nitrate	298	[NO 0 0 2][NO3]	CMC	49 - 33	[IL] = 0.0006 - 1.0 mol/L	15 UNKN 142	
	2007	40	[C4C1im]	Cl	1-Butyl-3-methylimidazolium chloride	296	water	CMC	73 - 58	[IL] = 0.0001 - 5.0 mol/L	13 PD 128
		41	[C6C1im]	Cl	1-Hexyl-3-methylimidazolium chloride	296	water	CMC	73 - 45	[IL] = 0.0001 - 1.0 mol/L	11 PD 128
		42	[C8C1im]	Cl	1-Octyl-3-methylimidazolium chloride	296	water	CMC	73 - 48	[IL] = 0.0001 - 1.0 mol/L	15 PD 128
		43	[C10C1im]	Cl	1-Decyl-3-methylimidazolium chloride	296	water	CMC	73 - 40	[IL] = 0.0001 - 1.0 mol/L	20 PD 128
		44	[C12C1im]	Cl	1-Dodecyl-3-methylimidazolium chloride	296	water	CMC	73 - 40	[IL] = 0.0001 - 1.0 mol/L	17 PD 128
		45	[C14C1im]	Cl	1-Tetradecyl-3-methylimidazolium chloride	296	water	CMC	73 - 40	[IL] = 0.0001 - 1.0 mol/L	13 PD 128
		46	[C10C1im]	[PF6]	1-Decyl-3-methylimidazolium hexafluorophosphate	296	water	CMC	73 - 45	[IL] = 0.0001 - 0.0100 mol/L	14 PD 128
47		[C10C1im]	[Ntf2]	1-Decyl-3-methylimidazolium bis(trifluoromethylsulfonyl)imide	296	water	CMC	73 - 45	[IL] = 0.0001 - 0.0010 mol/L	8 PD 128	
48		[C12C1im]	Cl	1-Dodecyl-3-methylimidazolium chloride	296	water + 50 mM NaCl	CMC	70 - 40	[IL] = 0.00001 - 0.0100 mol/L	10 PD 128	
49		[C12C1im]	Cl	1-Dodecyl-3-methylimidazolium chloride	296	water + 50-150 mM [N4444]Br	CMC	70 - 35	[IL] = 0.00001 - 0.0100 mol/L	26 PD 128	
50		[C2C1im]	Cl	1-Ethyl-3-methylimidazolium chloride	296	water + SDS + 5-100 mM [C2mim]Cl	CMC	70 - 40	[IL] = 0.00001 - 0.0100 mol/L	57 PD 128	
51		[C4C1im]	Cl	1-Butyl-3-methylimidazolium chloride	296	water + SDS + 5-100 mM [C4mim]Cl	CMC	70 - 35	[IL] = 0.00001 - 0.0100 mol/L	23 PD 128	
52		[C6C1im]	Cl	1-Hexyl-3-methylimidazolium chloride	296	water + SDS + 5-100 mM [C6mim]Cl	CMC	70 - 25	[IL] = 0.00001 - 0.0100 mol/L	34 PD 128	
53		[C8C1im]	Cl	1-Octyl-3-methylimidazolium chloride	296	water + SDS + 5-100 mM [C8mim]Cl	CMC	70 - 25	[IL] = 0.00001 - 0.0100 mol/L	47 PD 128	
54		[C10C1im]	Cl	1-Decyl-3-methylimidazolium chloride	296	water + SDS + 5-100 mM [C10mim]Cl	CMC	70 - 25	[IL] = 0.00001 - 0.0100 mol/L	30 PD 128	
55		[C4C1im]	[PF6]	1-Butyl-3-methylimidazolium hexafluorophosphate	303.15 - 343.15	water	ST	43.57 - 40.89	xIL = 0.60 - 1.00	15 DNR 15	
56		[C6C1im]	[PF6]	1-Octyl-3-methylimidazolium hexafluorophosphate	298.05 - 335.05	water	ST	34.01 - 31.70	xIL = 0.70 - 1.00	12 DNR 15	
57		[C4C1im]	[Ntf2]	1-Butyl-3-methylimidazolium bis(trifluoromethylsulfonyl)imide	293.15 - 343.15	water	ST	33.73 - 31.01	xIL = 0.60 - 1.00	6 DNR 15	
58		[C8C1im]	[BF4]	1-Octyl-3-methylimidazolium tetrafluoroborate	293.15 - 333.15	water	ST	33.75 - 31.00	xIL = 0.50 - 1.00	5 DNR 15	
59		[C2C1im]	[C2SO4]	1-Ethyl-3-methylimidazolium ethylsulfate	293.15	water	ST	46.5 - 70.7 (pure IL to pure water)	xIL = 0 - 1	16 PD 129	
60		[C2C1im]	[C2SO4]	1-Ethyl-3-methylimidazolium ethylsulfate	293.15	ethanol	ST	46.5 - 21.6 (pure IL to pure ethanol)	xIL = 0 - 1	16 PD 129	
61		[C4C1im]	[PF6]	1-Butyl-3-methylimidazolium hexafluorophosphate	298.15	water + HCl (pH = 2)	ST	73 - 54	[IL] = 0.00 - 0.07 mol/L	8 WP 130	
62		[C4C1im]	[PF6]	1-Butyl-3-methylimidazolium hexafluorophosphate	298.15	water + NaOH (pH = 10)	ST	68 - 65	[IL] = 0.01 - 0.04 mol/L	4 WP 130	
63		[C4C1im]	[C1SO4]	1-Butyl-3-butylimidazolium methylsulfate	298.15	water + HCl (pH = 2)	ST	73 - 35	[IL] = 0.00 - 0.14 mol/L	8 WP 130	

64	[C10C1im]	Cl	1-Decyl-3-methylimidazolium chloride	298.15	water	ST	70 - 20	[IL] = 0.00 - 0.20 mol/L	12	WP	130
65	[C10C1im]	Cl	1-Decyl-3-methylimidazolium chloride	298.15	1-octanol	ST	26 - 25	[IL] = 0.00 - 0.20 mol/L	8	WP	130
66	[C12C1im]	Cl	1-Dodecyl-3-methylimidazolium chloride	298.15	water	ST	70 - 25	[IL] = 0.00 - 0.35 mol/L	14	WP	130
67	[C12C1im]	Cl	1-Dodecyl-3-methylimidazolium chloride	308.15	water	ST	70 - 25	[IL] = 0.00 - 0.25 mol/L	13	WP	130
68	[C12C1im]	Cl	1-Dodecyl-3-methylimidazolium chloride	298.15	water + HCl (pH = 2)	ST	70 - 20	[IL] = 0.00 - 0.10 mol/L	10	WP	130
69	[C5C1im]	[BF4]	1-Methyl-3-pentylimidazolium tetrafluoroborate	278.15 - 338.15	water	ST	39.1 - 42.6	xIL = 0.91 - 0.96	65	BP	78
70	[C6C1im]	[PF6]	1-Hexyl-3-methylimidazolium hexafluorophosphate	288.15 - 308.15	hexane	ST	10 or 40	at saturation equilibrium in each rich phase	18	PD	131
71	[C6C1im]	[PF6]	1-Hexyl-3-methylimidazolium hexafluorophosphate	288.15 - 308.15	decane	ST	10 or 40	at saturation equilibrium in each rich phase	18	PD	131
72	[C10C1im]	Br	1-Decyl-3-methylimidazolium bromide	298	water	CMC	65 - 35	[IL] = 0.00 - 0.15 mol/L	9	UNKN	132
73	[C12C1im]	Br	1-Dodecyl-3-methylimidazolium bromide	298	water	CMC	65 - 35	[IL] = 0.00 - 0.10 mol/L	10	UNKN	132
74	[C12C1im]	[BF4]	1-Dodecyl-3-methylimidazolium tetrafluoroborate	298	water	CMC	65 - 35	[IL] = 0.00 - 0.10 mol/L	11	UNKN	132
75	[C10C1im]	Br	1-Decyl-3-methylimidazolium bromide	298	water + NaCl	CMC	65 - 35	[IL] = 0.00 - 0.01 mol/L, [NaCl] = 0.5 mol/L	11	UNKN	132
76	[C10C1im]	Br	1-Decyl-3-methylimidazolium bromide	298	water + NaBr	CMC	65 - 35	[IL] = 0.00 - 0.01 mol/L, [NaBr] = 0.5 mol/L	10	UNKN	132
77	[C10C1im]	Br	1-Decyl-3-methylimidazolium bromide	298	water + NaI	CMC	65 - 35	[IL] = 0.00 - 0.01 mol/L, [NaI] = 0.5 mol/L	10	UNKN	132
78	[C12C1im]	Br	1-Dodecyl-3-methylimidazolium bromide	298	water + NaCl	CMC	65 - 35	[IL] = 0.00 - 0.01 mol/L, [NaCl] = 0.5 mol/L	11	UNKN	132
79	[C12C1im]	Br	1-Dodecyl-3-methylimidazolium bromide	298	water + NaBr	CMC	65 - 35	[IL] = 0.00 - 0.01 mol/L, [NaBr] = 0.5 mol/L	10	UNKN	132
80	[C12C1im]	Br	1-Dodecyl-3-methylimidazolium bromide	298	water + NaI	CMC	65 - 35	[IL] = 0.00 - 0.01 mol/L, [NaI] = 0.5 mol/L	10	UNKN	132
81	[C14C1im]	Br	1-Tetradecyl-3-methylimidazolium bromide	298	water + NaCl	CMC	65 - 35	[IL] = 0.00 - 0.01 mol/L, [NaCl] = 0.5 mol/L	11	UNKN	132
82	[C14C1im]	Br	1-Tetradecyl-3-methylimidazolium bromide	298	water + NaBr	CMC	65 - 35	[IL] = 0.00 - 0.01 mol/L, [NaBr] = 0.5 mol/L	10	UNKN	132
83	[C14C1im]	Br	1-Tetradecyl-3-methylimidazolium bromide	298	water + NaI	CMC	65 - 35	[IL] = 0.00 - 0.01 mol/L, [NaI] = 0.5 mol/L	10	UNKN	132
84	[C6C1im]	[PF6]	1-Hexyl-3-methylimidazolium hexafluorophosphate	288.15 - 308.15	perfluorohexane	ST	10 or 40	at saturation equilibrium in each rich phase	18	PD	131
85	[C12C1im]	Br	1-Dodecyl-3-methylimidazolium bromide	UNKN	water + $\beta$ -cyclodextrin ( $\beta$ -CD)	INC	46 - 47	[IL] = 2.55 mM, [ $\beta$ -CD] = 0 - 5 mmol/L	12	UNKN	133
86	[C12C1im]	[PF6]	1-Dodecyl-3-methylimidazolium hexafluorophosphate	UNKN	water + $\beta$ -cyclodextrin ( $\beta$ -CD)	INC	46 - 68	[IL] = 2.55 mM, [ $\beta$ -CD] = 0 - 5 mmol/L	12	UNKN	133
87	[C16C1im]	Cl	1-Hexadecyl-3-methylimidazolium chloride	298	water	CMC	73 - 38	wIL = 0 - 0.015	11	DNR	134
88	[C16C1im]	[BF4]	1-Hexadecyl-3-methylimidazolium tetrafluoroborate	313	water	CMC	73 - 30	wIL = 0 - 0.015	10	DNR	134
89	[C16C1im]	Cl	1-Hexadecyl-3-methylimidazolium chloride	298	[N200][NO3]	CMC	51 - 37	wIL = 0 - 0.08	11	DNR	134
90	[C16C1im]	[BF4]	1-Hexadecyl-3-methylimidazolium tetrafluoroborate	298	[N200][NO3]	CMC	51 - 36	wIL = 0 - 0.08	13	DNR	134
91	[C6C1im]	Br	1-Hexyl-3-methylimidazolium bromide	298	water	CMC	39	[IL] = 0.470 mol/L (CMC)	1	DNR	135
92	[C8C1im]	Br	1-Octyl-3-methylimidazolium bromide	298	water	CMC	41	[IL] = 0.121 mol/L (CMC)	1	DNR	135
93	[C10C1im]	Br	1-Decyl-3-methylimidazolium bromide	298	water	CMC	39	[IL] = 0.020 mol/L (CMC)	1	DNR	135
94	[C12C1im]	Br	1-Dodecyl-3-methylimidazolium bromide	298	water	CMC	35	[IL] = 0.043 mol/L (CMC)	1	DNR	135
95	[C16C1im]	Br	1-Hexadecyl-3-methylimidazolium bromide	298	water	CMC	70 - 40	[IL] = 0 - 0.015 mol/L	13	DNR	135
96	[C4C6im]	Br	1-Butyl-3-hexylimidazolium bromide	298	water	CMC	42	[IL] = 0.271 mol/L (CMC)	1	DNR	135
97	[C4C8im]	Br	1-Butyl-3-octylimidazolium bromide	298	water	CMC	40	[IL] = 0.041 mol/L (CMC)	1	DNR	135
98	[C4C10im]	Br	1-Butyl-3-decylimidazolium bromide	298	water	CMC	36	[IL] = 0.036 mol/L (CMC)	1	DNR	135
99	[C4C12im]	Br	1-Butyl-3-dodecylimidazolium bromide	298	water	CMC	38	[IL] = 0.0063 mol/L (CMC)	1	DNR	135
100	[C4C16im]	Br	1-Butyl-3-hexadecylimidazolium bromide	298	water	CMC	45	[IL] = 0.0024 mol/L (CMC)	1	DNR	135
101	[C8C8im]	Br	1,3-Dioctylimidazolium bromide	298	water	CMC	70 - 30	[IL] = 0 - 0.015 mol/L	10	DNR	135
102	[C12C12im]	Br	1,3-Didodecylimidazolium bromide	298	water	CMC	28	[IL] = 0.001 mol/L (CMC)	1	DNR	135
103	[C1im-C10-C1im]	Br2	1,4-Bis(3-methylimidazolium-1-yl)decane bromide	298	water	CMC	38	[IL] = 0.149 mol/L (CMC)	1	DNR	135
104	[C4im-C8-C4im]	Br2	1,4-Bis(3-butylimidazolium-1-yl)octane bromide	298	water	CMC	70 - 50	[IL] = 0 - 0.63 mol/L	14	DNR	135
105	[C4im-C10-C4im]	Br2	1,4-Bis(3-butylimidazolium-1-yl)decane bromide	298	water	CMC	38	[IL] = 0.117 mol/L (CMC)	1	DNR	135
106	[C4im-C12-C4im]	Br2	1,4-Bis(3-butylimidazolium-1-yl)dodecane bromide	298	water	CMC	46	[IL] = 0.072 mol/L (CMC)	1	DNR	135
107	[C10im-C4-C10im]	Br2	1,4-Bis(3-decylimidazolium-1-yl)butane bromide	298	water	CMC	35	[IL] = 0.002 mol/L (CMC)	1	DNR	135
108	[C10im-C12-C10im]	Br2	1,4-Bis(3-decylimidazolium-1-yl)dodecane bromide	298	water	CMC	48	[IL] = 0.0006 mol/L (CMC)	1	DNR	135
109	[C14im-C4-C14im]	Br2	1,4-Bis(3-tetradecylimidazolium-1-yl)butane bromide	298	water	CMC	74 - 24	[IL] = 0 - 0.001 mol/L	11	BP	136
110	[C14C1im]	Br	1-Tetradecyl-3-methylimidazolium bromide	298	water	CMC	60 - 25	[IL] = 0 - 0.1 mol/L	10	BP	136
111	[(CH3)3SiC4im]	[PF6]	1-Butyl-3-trimethylsilylimidazolium hexafluorophosphate	293	water	CMC	70.6 - 66	[IL] = 0 - 0.003 mol/L	7	WP	137
<b>2008</b>											
112	[C2C1im]	[C2SO4]	1-Ethyl-3-methylimidazolium ethylsulfate	298.15	water	ST	50.11 - 47.00	xIL = 0.421 - 0.994	12	PD	37
113	[C4C1im]	Cl	1-Butyl-3-methylimidazolium chloride	298	water	CMC	73 - 45	[IL] = 0 - 1.0 mol/L	27	PD	117
114	[C6C1im]	Cl	1-Hexyl-3-methylimidazolium chloride	298	water	CMC	73 - 45	[IL] = 0 - 1.0 mol/L	33	PD	117
115	[C8C1im]	Cl	1-Octyl-3-methylimidazolium chloride	298	water	CMC	73 - 40	[IL] = 0 - 1.0 mol/L	25	PD	117
116	[C10C1im]	Cl	1-Decyl-3-methylimidazolium chloride	298	water	CMC	73 - 40	[IL] = 0 - 1.0 mol/L	33	PD	117
117	[C14C1im]	Cl	1-Tetradecyl-3-methylimidazolium chloride	298	water	CMC	73 - 40	[IL] = 0 - 0.1 mol/L	31	PD	117
118	[C16C1im]	Cl	1-Hexadecyl-3-methylimidazolium chloride	298	water	CMC	73 - 40	[IL] = 0 - 0.1 mol/L	30	PD	117
119	[C18C1im]	Cl	1-Octadecyl-3-methylimidazolium chloride	298	water	CMC	73 - 40	[IL] = 0 - 0.001 mol/L	26	PD	117
120	[C2C1im]	Br	1-Ethyl-3-methylimidazolium bromide	298	water	ST	74.07 - 61.34	[IL] = 0 - 6.79 mol/L	12	PD	118
121	[C4C1im]	Br	1-Butyl-3-methylimidazolium bromide	298	water	ST	74.07 - 61.70	[IL] = 0 - 5.74 mol/L	13	PD	118
122	[C4C1im]	Cl	1-Butyl-3-methylimidazolium chloride	298	water	ST	74.07 - 51.18	[IL] = 0 - 5.50 mol/L	14	PD	118
123	[C4C1im]	[BF4]	1-Butyl-3-methylimidazolium tetrafluoroborate	298	water	ST	74.07 - 45.74	[IL] = 0 - 5.18 mol/L	16	PD	118
124	[C12C1im]	Br	1-Dodecyl-3-methylimidazolium bromide	298	water	CMC	70 - 40	[IL] = 0 - 0.1 mol/L	9	UNKN	119
125	[C14C1im]	Br	1-Tetradecyl-3-methylimidazolium bromide	298	water	CMC	70 - 40	[IL] = 0 - 0.01 mol/L	11	UNKN	119
126	[C16C1im]	Br	1-Hexadecyl-3-methylimidazolium bromide	298	water	CMC	70 - 40	[IL] = 0 - 0.01 mol/L	11	UNKN	119
127	[C12C1im]	Br	1-Dodecyl-3-methylimidazolium bromide	298	water + NaCl	CMC	70 - 30	[IL] = 0 - 0.1 mol/L, [NaCl] = 0.5 mol/L	10	UNKN	119
128	[C12C1im]	Br	1-Dodecyl-3-methylimidazolium bromide	298	water + NaBr	CMC	70 - 30	[IL] = 0 - 0.1 mol/L, [NaBr] = 0.5 mol/L	10	UNKN	119
129	[C12C1im]	Br	1-Dodecyl-3-methylimidazolium bromide	298	water + NaI	CMC	70 - 30	[IL] = 0 - 0.1 mol/L, [NaI] = 0.5 mol/L	9	UNKN	119
130	[C14C1im]	Br	1-Tetradecyl-3-methylimidazolium bromide	298	water + NaCl	CMC	70 - 30	[IL] = 0 - 0.01 mol/L, [NaCl] = 0.5 mol/L	10	UNKN	119
131	[C14C1im]	Br	1-Tetradecyl-3-methylimidazolium bromide	298	water + NaBr	CMC	70 - 30	[IL] = 0 - 0.01 mol/L, [NaBr] = 0.5 mol/L	10	UNKN	119
132	[C14C1im]	Br	1-Tetradecyl-3-methylimidazolium bromide	298	water + NaI	CMC	70 - 30	[IL] = 0 - 0.01 mol/L, [NaI] = 0.5 mol/L	9	UNKN	119
133	[C16C1im]	Br	1-Hexadecyl-3-methylimidazolium bromide	298	water + NaCl	CMC	70 - 30	[IL] = 0 - 0.01 mol/L, [NaCl] = 0.5 mol/L	10	UNKN	119
134	[C16C1im]	Br	1-Hexadecyl-3-methylimidazolium bromide	298	water + NaBr	CMC	70 - 30	[IL] = 0 - 0.01 mol/L, [NaBr] = 0.5 mol/L	10	UNKN	119
135	[C16C1im]	Br	1-Hexadecyl-3-methylimidazolium bromide	298	water + NaI	CMC	70 - 30	[IL] = 0 - 0.01 mol/L, [NaI] = 0.5 mol/L	9	UNKN	119
136	[C4C1im]	[BF4]	1-Butyl-3-methylimidazolium tetrafluoroborate	298	benzene	ST	43 - 29	xIL = 0.75 - 1.0	9	DNR	120
137	[C4C1im]	[PF6]	1-Butyl-3-methylimidazolium hexafluorophosphate	298	benzene	ST	43 - 29	xIL = 0.75 - 1.0	9	DNR	120
138	[C4C1im]	[BF4]	1-Butyl-3-methylimidazolium tetrafluoroborate	298.15	water	ST	73.05 - 36.43	xIL = 0.0 - 1.0	11	CR	6
139	[C4C1im]	[Ntf2]	1-Butyl-3-methylimidazolium bis(trifluoromethylsulfonyl)imide	298	1-propanol	ST	23.34 - 32.80	xIL = 0.0 - 1.0	11	PD	38

140	[C4C1im]	[Ntf2]	1-Butyl-3-methylimidazolium bis(trifluoromethylsulfonyl)imide	298	1-butanol	ST	23.96 - 32.80		xIL = 0.0 - 1.0	13	PD	38
141	[C8C1im]	[Ntf2]	1-Methyl-3-octylimidazolium bis(trifluoromethylsulfonyl)imide	UNKN	1-hexanol + AOT	CMC	15 - 2		xIL = 0.8 - 0.6 (v/v), [AOT] = 0.0 - 0.3 mol/L	32	UNKN	121
142	[C1C1im]	[C1SO4]	1,3-Dimethylimidazolium methylsulfate	298.15	methanol	ST	22.09 - 56.46		xIL = 0.0 - 1.0	9	DNR	86
143	[C1C1im]	[C1SO4]	1,3-Dimethylimidazolium methylsulfate	298.15	ethanol	ST	21.55 - 56.46		xIL = 0.0 - 1.0	10	DNR	86
144	[C1C1im]	[C1SO4]	1,3-Dimethylimidazolium methylsulfate	298.15	1-butanol	ST	23.67 - 56.46		xIL = 0.0 - 1.0	16	DNR	86
145	[C4C1im]	[C1SO4]	1-Butyl-3-methylimidazolium methylsulfate	298.15	methanol	ST	21.79 - 41.42		xIL = 0.0 - 1.0	8	DNR	86
146	[C4C1im]	[C1SO4]	1-Butyl-3-methylimidazolium methylsulfate	298.15	ethanol	ST	21.45 - 41.42		xIL = 0.0 - 1.0	8	DNR	86
147	[C4C1im]	[C1SO4]	1-Butyl-3-methylimidazolium methylsulfate	298.15	1-butanol	ST	23.67 - 41.42		xIL = 0.0 - 1.0	8	DNR	86
148	[C4C1im]	[C8SO4]	1-Butyl-3-methylimidazolium octylsulfate	298.15	methanol	ST	21.79 - 28.37		xIL = 0.0 - 1.0	8	DNR	86
149	[C4C1im]	[C8SO4]	1-Butyl-3-methylimidazolium octylsulfate	298.15	1-butanol	ST	23.67 - 28.37		xIL = 0.0 - 1.0	9	DNR	86
150	[C6(OCH2)C1im]	[BF4]	1-Hexyloxymethyl-3-methylimidazolium tetrafluoroborate	308.15 - 318.15	methanol	ST	20.55 - 21.13		xIL = 0.0 - 0.0044	8	DNR	86
151	[C6(OCH2)C1im]	[BF4]	1-Hexyloxymethyl-3-methylimidazolium tetrafluoroborate	308.15 - 318.15	1-butanol	ST	22.30 - 23.19		xIL = 0.0 - 0.0064	8	DNR	86
152	[C6(OCH2)C1im]	[BF4]	1-Hexyloxymethyl-3-methylimidazolium tetrafluoroborate	308.15 - 318.15	1-hexanol	ST	23.02 - 23.95		xIL = 0.0 - 0.0110	8	DNR	86
153	[(C6OCH2)2im]	[BF4]	1,3-Dihexyloxymethylimidazolium tetrafluoroborate	308.15 - 318.15	methanol	ST	20.55 - 21.40		xIL = 0.0 - 0.0019	8	DNR	86
154	[(C6OCH2)2im]	[BF4]	1,3-Dihexyloxymethylimidazolium tetrafluoroborate	308.15 - 318.15	1-butanol	ST	22.30 - 23.17		xIL = 0.0 - 0.0038	8	DNR	86
155	[(C6OCH2)2im]	[BF4]	1,3-Dihexyloxymethylimidazolium tetrafluoroborate	308.15 - 318.15	1-hexanol	ST	23.02 - 23.52		xIL = 0.0 - 0.0061	8	DNR	86
156	[N1 1 6 OH2]	Br	Hexyl(2-hydroxyethyl)dimethylammonium bromide	298.15	1-octanol	ST	26.52 - 26.60		xIL = 0.0 - 0.00076	4	DNR	86
157	[N1 1 2 OH2]	Br	Ethyl(2-hydroxyethyl)dimethylammonium bromide	298.15	water	ST	71.85 - 63.98		[IL] = 0 - 0.4448 mol/L	4	DNR	86
158	[N1 1 2 OH2]	[BF4]	Ethyl(2-hydroxyethyl)dimethylammonium tetrafluoroborate	298.15	water	ST	61.79 - 49.00		[IL] = 0.1008 - 0.4531 mol/L	3	DNR	86
159	[N1 1 2 OH2]	[PF6]	Ethyl(2-hydroxyethyl)dimethylammonium hexafluorophosphate	298.15	water	ST	61.80 - 45.30		[IL] = 0.1006 - 0.3011 mol/L	3	DNR	86
160	[N1 1 2 OH2]	[N(CN)2]	Ethyl(2-hydroxyethyl)dimethylammonium dicyanamide	298.15	water	ST	66.90 - 48.23		[IL] = 0.1001 - 0.4487 mol/L	3	DNR	86
161	[N1 1 3 OH2]	Br	Propyl(2-hydroxyethyl)dimethylammonium bromide	298.15	water	ST	51.99 - 47.72		[IL] = 0.1158 - 0.5101 mol/L	3	DNR	86
162	[N1 1 4 OH2]	Br	Butyl(2-hydroxyethyl)dimethylammonium bromide	298.15	water	ST	46.72 - 34.59		[IL] = 0.0991 - 0.4498 mol/L	3	DNR	86
163	[N1 1 6 OH2]	Br	Hexyl(2-hydroxyethyl)dimethylammonium bromide	298.15	water	ST	48.07 - 35.35		[IL] = 0.1040 - 0.4514 mol/L	3	DNR	86
164	[C4C1im]	[BF4]	1-Butyl-3-methylimidazolium tetrafluoroborate	298	FC-4	CMC	65 - 20		[IL] = 0 - 0.1 mol/L	84	DNR	122
165	[C4C1im]	[PF6]	1-Butyl-3-methylimidazolium hexafluorophosphate	298	FC-4	CMC	65 - 20		[IL] = 0 - 0.1 mol/L	67	DNR	122
166	[C10C1im]	Br	1-Decyl-3-methylimidazolium bromide	298.15	water	CMC	73 - 40		[IL] = 0 - 0.07 mol/L	26	PD	123
167	[C10C1im]	Br	1-Decyl-3-methylimidazolium bromide	298	[C4mim][BF4]	CMC	48 - 41		[IL] = 0 - 0.6 mol/L	11	DNR	124
168	[C12C1im]	Br	1-Dodecyl-3-methylimidazolium bromide	298	[C4mim][BF4]	CMC	48 - 40		[IL] = 0 - 0.6 mol/L	11	DNR	124
169	[C14C1im]	Br	1-Tetradecyl-3-methylimidazolium bromide	298	[C4mim][BF4]	CMC	48 - 38		[IL] = 0 - 0.6 mol/L	18	DNR	124
170	[C16C1im]	Br	1-Hexadecyl-3-methylimidazolium bromide	298	[C4mim][BF4]	CMC	48 - 36		[IL] = 0 - 0.6 mol/L	10	DNR	124
171	[C10im-C4-C10im]	Br2	1,4-Bis(3-decylimidazolium-1-yl)butane bromide	298.2	water	CMC	56 - 35.2		[IL] = 0.00001 - 0.010 mol/L	14	DNR	125
172	[C12im-C4-C12im]	Br2	1,4-Bis(3-dodecylimidazolium-1-yl)butane bromide	298.2	water	CMC	56 - 35.7		[IL] = 0.00001 - 0.010 mol/L	14	DNR	125
173	[C14im-C4-C14im]	Br2	1,4-Bis(3-tetradecylimidazolium-1-yl)butane bromide	298.2	water	CMC	56 - 37.2		[IL] = 0.00001 - 0.010 mol/L	14	DNR	125
174	[N1 1 6OH 14(NHCOO)]	Br	(1-Hydroxymethyl-3-methyl-butyl)-dimethyl-(2-undec-10-enyloxy carbonylaminoethyl)ammonium bromide	UNKN	water	CMC	60 - 35		[IL] = 0.0 - 0.010 mol/L	13	UNKN	126
175	[N1 1 6OH 13(CH2NHCOO)]	Br	(1-Hydroxymethyl-3-methyl-butyl)-dimethyl-(2-undecyloxy carbonylaminoethyl)ammonium bromide	UNKN	water	CMC	60 - 35		[IL] = 0.0 - 0.025 mol/L	16	UNKN	126
176	[C10-3-C1py]	Cl	1-Decyl-3-methylpyridinium chloride	296	water	CMC	74 - 40		[IL] = 0.0 - 0.1 mol/L	20	PD	127
177	[C12-3-C1py]	Cl	1-Dodecyl-3-methylpyridinium chloride	296	water	CMC	74 - 40		[IL] = 0.0 - 0.1 mol/L	14	PD	127
178	[C14-3-C1py]	Cl	1-Tetradecyl-3-methylpyridinium chloride	296	water	CMC	74 - 38		[IL] = 0.0 - 0.1 mol/L	18	PD	127
179	[C16-3-C1py]	Cl	1-Hexadecyl-3-methylpyridinium chloride	296	water	CMC	74 - 38		[IL] = 0.0 - 0.1 mol/L	14	PD	127
180	[C18-3-C1py]	Cl	1-Octadecyl-3-methylpyridinium chloride	296	water	CMC	74 - 38		[IL] = 0.0 - 0.1 mol/L	17	PD	127
181	[C12-3-C1py]	Br	1-Dodecyl-3-methylpyridinium bromide	296	water	CMC	74 - 35		[IL] = 0.0 - 0.1 mol/L	20	PD	127
182	[C12C1pip]	Br	1-Dodecyl-1-methylpiperidinium bromide	296	water	CMC	74 - 35		[IL] = 0.0 - 0.1 mol/L	20	PD	127
183	[C12C1pyrr]	Br	1-Dodecyl-1-methylpyrrolidinium bromide	296	water	CMC	74 - 30		[IL] = 0.0 - 0.1 mol/L	18	PD	127
<b>2009</b>												
184	[im]	Cl	Imidazolium chloride	298.15	water	ST	73 - 55		[IL] = 0.0 - 2.3 mol/L	12	WP	111
185	[C1im]	Cl	1-Methylimidazolium chloride	298.15	water	ST	73 - 40		[IL] = 0.0 - 2.1 mol/L	15	WP	111
186	[C2im]	Cl	1-Ethylimidazolium chloride	298.15	water	ST	73 - 54		[IL] = 0.0 - 2.0 mol/L	12	WP	111
187	[C4C1im]	Cl	1-Butyl-3-methylimidazolium chloride	298.15	water	ST	73 - 46		[IL] = 0.0 - 2.1 mol/L	13	WP	111
188	[C6C1im]	Cl	1-Hexyl-3-methylimidazolium chloride	298.15	water	ST	73 - 41		[IL] = 0.0 - 2.1 mol/L	14	WP	111
189	[C8C1im]	Cl	1-Methyl-3-octylimidazolium chloride	298.15	water	ST	73 - 36		[IL] = 0.0 - 2.0 mol/L	17	WP	111
190	[(OH)C2C1im]	[BF4]	1-Hydroxyethyl-3-methylimidazolium tetrafluoroborate	298.15 - 328.15	water	ST	65 - 57		xIL = 0.96 - 0.99	15	PD	33
191	[im]	[C5CO2]	Imidazolium pentanoate	298	water	CMC	65 - 55		[IL] = 0.0001 - 0.030 mol/L	15	UNKN	112
192	[im]	[C6CO2]	Imidazolium hexanoate	298	water	CMC	65 - 53		[IL] = 0.0001 - 0.010 mol/L	15	UNKN	112
193	[im]	[C7CO2]	Imidazolium heptanoate	298	water	CMC	60 - 51		[IL] = 0.0001 - 0.010 mol/L	8	UNKN	112
194	[im]	[C8CO2]	Imidazolium octanoate	298	water	CMC	65 - 50		[IL] = 0.0001 - 0.010 mol/L	9	UNKN	112
195	[pyrr]	[C5CO2]	Pyrrrolidinium pentanoate	298	water	CMC	63 - 53		[IL] = 0.0001 - 0.010 mol/L	13	UNKN	112
196	[pyrr]	[C6CO2]	Pyrrrolidinium hexanoate	298	water	CMC	60 - 48		[IL] = 0.0001 - 0.010 mol/L	19	UNKN	112
197	[pyrr]	[C7CO2]	Pyrrrolidinium heptanoate	298	water	CMC	62 - 46		[IL] = 0.0001 - 0.010 mol/L	7	UNKN	112
198	[pyrr]	[C8CO2]	Pyrrrolidinium octanoate	298	water	CMC	60 - 45		[IL] = 0.0001 - 0.010 mol/L	12	UNKN	112
199	[C2C1im]	[BF4]	1-Ethyl-3-methylimidazolium tetrafluoroborate	298	water	ST	71.35 - 53.04		xIL = 0.0 - 1.0	18	DV	55
200	[C4C1im]	[BF4]	1-Butyl-3-methylimidazolium tetrafluoroborate	298	water	ST	71.35 - 45.33		xIL = 0.0 - 1.0	30	DV	55
201	[C6C1im]	[BF4]	1-Hexyl-3-methylimidazolium tetrafluoroborate	298	water	ST	37.93 - 37.33		xIL = 0.3 - 1.0	8	DV	55
202	[C2C1im]	[BF4]	1-Ethyl-3-methylimidazolium tetrafluoroborate	298	ethanol	ST	52.81 - 53.04		xIL = 0.0 - 1.0	6	DV	55
203	[C4C1im]	[BF4]	1-Butyl-3-methylimidazolium tetrafluoroborate	298	ethanol	ST	22.83 - 45.33		xIL = 0.0 - 0.1	12	DV	55
204	[C6C1im]	[BF4]	1-Hexyl-3-methylimidazolium tetrafluoroborate	298	ethanol	ST	23.11 - 37.33		xIL = 0.0 - 0.1	10	DV	55
205	[C8C1im]	[BF4]	1-Octyl-3-methylimidazolium tetrafluoroborate	298	ethanol	ST	23.33 - 32.82		xIL = 0.0 - 0.1	10	DV	55
206	[C8C1im]	[C1SO3]	1-Octyl-3-methylimidazolium methanesulfonate	295	water	CMC	73 - 43		[IL] = 0 - 1.0 mol/L	13	PD	113
207	[C10C1im]	[C1SO3]	1-Decyl-3-methylimidazolium methanesulfonate	295	water	CMC	73 - 43		[IL] = 0 - 1.0 mol/L	16	PD	113
208	[C12C1im]	[C1SO3]	1-Dodecyl-3-methylimidazolium methanesulfonate	295	water	CMC	73 - 43		[IL] = 0 - 1.0 mol/L	17	PD	113
209	[C4C1im]	[C4SO3]	1-Butyl-3-methylimidazolium butanesulfonate	295	water	CMC	73 - 43		[IL] = 0 - 2.0 mol/L	17	PD	113
210	[C4C1im]	[C8SO3]	1-Butyl-3-methylimidazolium octanesulfonate	295	water	CMC	73 - 43		[IL] = 0 - 1.0 mol/L	17	PD	113
211	[C8C1im]	[C4SO3]	1-Octyl-3-methylimidazolium butanesulfonate	295	water	CMC	73 - 30		[IL] = 0 - 1.0 mol/L	17	PD	113
212	[C8C1im]	[C8SO3]	1-Octyl-3-methylimidazolium octanesulfonate	295	water	CMC	73 - 25		[IL] = 0 - 1.0 mol/L	16	PD	113
213	[C16C1im]	Br	1-Hexadecyl-3-methylimidazolium bromide	293	water + methanol	CMC	70 - 40		[IL] = 0.003 - 1.0 mol/L, φmethanol = 0 - 0.2	113	DNR	114
214	[C16C1im]	Br	1-Hexadecyl-3-methylimidazolium bromide	293	water + 1-propanol	CMC	70 - 40		.j = 0.003 - 1.0 mol/L, φ1-propanol = 0.01 - 0.1	86	DNR	114
215	[C16C1im]	Br	1-Hexadecyl-3-methylimidazolium bromide	293	water + 1-butanol	CMC	70 - 40		.j = 0.003 - 1.0 mol/L, φ1-butanol = 0.005 - 0.1	50	DNR	114

216	[C16C1im]	Br	1-Hexadecyl-3-methylimidazolium bromide	293	water + 1-pentanol	CMC	70 - 40	] = 0.003 - 1.0 mol/L, $\phi$ 1-pentanol = 0.005 - 0	26	DNR	114
217	[C16C1im]	Br	1-Hexadecyl-3-methylimidazolium bromide	293	water + acetonitrile	CMC	70 - 40	L] = 0.003 - 1.0 mol/L, $\phi$ acetonitrile = 0.01 - 0	158	DNR	114
218	[C12C12im]	Br	1,3-Didodecylimidazolium bromide	293	water + methanol	CMC	70 - 30	L] = 0.003 - 1.0 mol/L, $\phi$ methanol = 0.02 - 0.	56	DNR	114
219	[C12C12im]	Br	1,3-Didodecylimidazolium bromide	293	water + 1-propanol	CMC	70 - 30	J] = 0.003 - 1.0 mol/L, $\phi$ 1-propanol = 0.01 - 0.	32	DNR	114
220	[C12C12im]	Br	1,3-Didodecylimidazolium bromide	293	water + 1-butanol	CMC	70 - 30	J] = 0.003 - 1.0 mol/L, $\phi$ 1-butanol = 0.005 - 0.	33	DNR	114
221	[C12C12im]	Br	1,3-Didodecylimidazolium bromide	293	water + 1-pentanol	CMC	70 - 30	= 0.003 - 1.0 mol/L, $\phi$ 1-pentanol = 0.005 - 0.	29	DNR	114
222	[C12C12im]	Br	1,3-Didodecylimidazolium bromide	293	water + acetonitrile	CMC	70 - 30	J] = 0.003 - 1.0 mol/L, $\phi$ acetonitrile = 0.01 - 0.	81	DNR	114
223	[C10C1im]	Br	1-Decyl-3-methylimidazolium bromide	UNKN	water	CMC	55 - 26	[L] = 0 - 0.010 mol/L	18	DNR	115
224	[C14C1im]	Br	1-Tetradecyl-3-methylimidazolium bromide	UNKN	water	CMC	55 - 30	[L] = 0 - 0.010 mol/L	39	DNR	115
225	[C16C1im]	Br	1-Hexadecyl-3-methylimidazolium bromide	UNKN	water	CMC	55 - 35	[L] = 0 - 0.0010 mol/L	16	DNR	115
226	[C10(OCOCH2)C1im]	Br	1-(Decyloxyacetyl)carbonylmethyl-3-methylimidazolium bromide	UNKN	water	CMC	55 - 25	[L] = 0 - 0.0010 mol/L	18	DNR	115
227	[C14(OCOCH2)C1im]	Br	1-(Tetradecyloxyacetyl)carbonylmethyl-3-methylimidazolium bromide	UNKN	water	CMC	55 - 35	[L] = 0 - 0.0010 mol/L	9	DNR	115
228	[C16(OCOCH2)C1im]	Br	1-(Hexadecyloxyacetyl)carbonylmethyl-3-methylimidazolium bromide	UNKN	water	CMC	55 - 35	[L] = 0 - 0.0010 mol/L	10	DNR	115
229	[C10(NHCOCH2)C1im]	Br	1-(Tetradecyloxyacetamide)-3-methylimidazolium bromide	UNKN	water	CMC	63 - 48	[L] = 0 - 0.0010 mol/L	19	DNR	115
230	[C14(NHCOCH2)C1im]	Br	1-(Hexadecyloxyacetamide)-3-methylimidazolium bromide	UNKN	water	CMC	60 - 53	[L] = 0 - 0.0010 mol/L	17	DNR	115
231	[C16(NHCOCH2)C1im]	Br	1-(Decyloxyacetamide)-3-methylimidazolium bromide	UNKN	water	CMC	53 - 30	[L] = 0 - 0.0010 mol/L	14	DNR	115
232	[C12im-C2-C12im]	Br2	1,2-Bis(3-dodecylimidazolium-1-yl)ethane bromide	298.2	water	CMC	55 - 33.6	[L] = 0.00001 - 0.010 mol/L	15	DNR	116
233	[C12im-C2-C12im]	Br2	1,2-Bis(3-dodecylimidazolium-1-yl)ethane bromide	298.2	water + 1.0 mM NaCl	CMC	55 - 32.9	[L] = 0.00001 - 0.010 mol/L	13	DNR	116
234	[C12im-C2-C12im]	Br2	1,2-Bis(3-dodecylimidazolium-1-yl)ethane bromide	298.2	water + 1.0 mM NaBr	CMC	50 - 30.5	[L] = 0.00001 - 0.010 mol/L	16	DNR	116
235	[C12im-C2-C12im]	Br2	1,2-Bis(3-dodecylimidazolium-1-yl)ethane bromide	298.2	water + 1.0 mM NaI	CMC	40 - 28.6	[L] = 0.00001 - 0.010 mol/L	15	DNR	116
236	[C12im-C4-C12im]	Br2	1,4-Bis(3-dodecylimidazolium-1-yl)butane bromide	298.2	water	CMC	55 - 35.7	[L] = 0.00001 - 0.010 mol/L	14	DNR	116
237	[C12im-C4-C12im]	Br2	1,2-Bis(3-dodecylimidazolium-1-yl)butane bromide	298.2	water + 1.0 mM NaCl	CMC	55 - 35.3	[L] = 0.00001 - 0.010 mol/L	13	DNR	116
238	[C12im-C4-C12im]	Br2	1,2-Bis(3-dodecylimidazolium-1-yl)butane bromide	298.2	water + 1.0 mM NaBr	CMC	50 - 33.9	[L] = 0.00001 - 0.010 mol/L	16	DNR	116
239	[C12im-C4-C12im]	Br2	1,2-Bis(3-dodecylimidazolium-1-yl)butane bromide	298.2	water + 1.0 mM NaI	CMC	40 - 30.1	[L] = 0.00001 - 0.010 mol/L	15	DNR	116
240	[C12im-C6-C12im]	Br2	1,6-Bis(3-dodecylimidazolium-1-yl)hexane bromide	298.2	water	CMC	58 - 39.5	[L] = 0.00001 - 0.010 mol/L	13	DNR	116
241	[C12im-C6-C12im]	Br2	1,2-Bis(3-dodecylimidazolium-1-yl)hexane bromide	298.2	water + 1.0 mM NaCl	CMC	58 - 37.3	[L] = 0.00001 - 0.010 mol/L	13	DNR	116
242	[C12im-C6-C12im]	Br2	1,2-Bis(3-dodecylimidazolium-1-yl)hexane bromide	298.2	water + 1.0 mM NaBr	CMC	50 - 36.2	[L] = 0.00001 - 0.010 mol/L	16	DNR	116
243	[C12im-C6-C12im]	Br2	1,2-Bis(3-dodecylimidazolium-1-yl)hexane bromide	298.2	water + 1.0 mM NaI	CMC	40 - 31.0	[L] = 0.00001 - 0.010 mol/L	15	DNR	116
<b>2010</b>											
244	[C6C1im]	[Ntf2]	1-Hexyl-3-methylimidazolium bis(trifluoromethylsulfonyl)imide	283 - 348	1-octene	ST	15.7 - 30.9	xIL = 0.72 - 0.95	20	DNR	24
245	[C12C1im]	Br	1-Dodecyl-3-methylimidazolium bromide	278.2 - 328.2	water	CMC	64.79 - 37.09	[L] = 0.0001 - 0.0500 mol/L	54	DNR	105
246	[C14C1im]	Br	1-Tetradecyl-3-methylimidazolium bromide	278.2 - 328.2	water	CMC	64.69 - 36.45	[L] = 0.00005 - 0.0100 mol/L	60	DNR	105
247	[C16C1im]	Br	1-Hexadecyl-3-methylimidazolium bromide	278.2 - 328.2	water	CMC	69.16 - 35.98	[L] = 0.000005 - 0.0040 mol/L	66	DNR	105
248	[C2C1im]	[C8SO4]	1-Ethyl-3-methylimidazolium octylsulfate	298	water	CMC	73 - 35	[L] = 0.00001 - 1.000 mol/L	23	DV	106
249	[C4C1im]	[C8SO4]	1-Butyl-3-methylimidazolium octylsulfate	298	water	CMC	73 - 30	[L] = 0.00001 - 0.1000 mol/L	21	DV	106
250	[C4C1im]	[PF6]	1-Butyl-3-methylimidazolium hexafluorophosphate	298	water	CMC	73 - 55	[L] = 0.00001 - 0.0100 mol/L	16	DV	106
251	[C4C1im]	[OTf]	1-Butyl-3-methylimidazolium trifluoromethanesulfonate	298	water	CMC	73 - 30	[L] = 0.00001 - 3.000 mol/L	15	DV	106
252	[C4C1im]	[Tos]	1-Butyl-3-methylimidazolium tosylate	298	water	CMC	73 - 35	[L] = 0.00001 - 3.000 mol/L	12	DV	106
253	[C4C1im]	[BF4]	1-Butyl-3-methylimidazolium tetrafluoroborate	298	water	CMC	73 - 40	[L] = 0.00001 - 3.000 mol/L	18	DV	106
254	[C4C1im]	[C1SO4]	1-Butyl-3-methylimidazolium methylsulfate	298	water	CMC	73 - 35	[L] = 0.00001 - 3.000 mol/L	14	DV	106
255	[C4C1im]	Cl	1-Butyl-3-methylimidazolium chloride	298	water	CMC	73 - 50	[L] = 0.00001 - 3.000 mol/L	28	DV	106
256	[C8C1im]	Cl	1-Octyl-3-methylimidazolium chloride	298	water	CMC	73 - 40	[L] = 0.00001 - 1.000 mol/L	33	DV	106
257	[C8C1im]	[BF4]	1-Octyl-3-methylimidazolium tetrafluoroborate	298	water	CMC	73 - 30	[L] = 0.00001 - 0.1000 mol/L	17	DV	106
258	[C8C1im]	[C8SO4]	1-Octyl-3-methylimidazolium octylsulfate	298	water	CMC	73 - 20	[L] = 0.00001 - 0.0100 mol/L	19	DV	106
259	[C8C1im]	[Ntf2]	1-Octyl-3-methylimidazolium bis(trifluoromethylsulfonyl)amide	298	water	CMC	73 - 40	[L] = 0.00001 - 0.0100 mol/L	15	DV	106
260	[C10C1im]	[BF4]	1-Decyl-3-methylimidazolium tetrafluoroborate	298	water	CMC	73 - 35	[L] = 0.00001 - 0.0100 mol/L	19	DV	106
261	[C10C1im]	Cl	1-Dodecyl-3-methylimidazolium chloride	298	water	CMC	73 - 35	[L] = 0.00001 - 1.000 mol/L	31	DV	106
262	[C8C1im]	Cl	1-Octyl-3-methylimidazolium chloride	298.2	water + Na <sub>2</sub> HPO <sub>4</sub> /NaH <sub>2</sub> PO <sub>4</sub> (pH 7)	CMC	56 - 38	[L] = 0.0010 - 0.1000 mol/L	17	WP	107
263	[C4C1im]	[C8SO4]	1-Butyl-3-methylimidazolium octylsulfate	298.2	water + Na <sub>2</sub> HPO <sub>4</sub> /NaH <sub>2</sub> PO <sub>4</sub> (pH 7)	CMC	56 - 30	[L] = 0.0010 - 0.1000 mol/L	21	WP	107
264	[C8C1im]	Cl	1-Octyl-3-methylimidazolium chloride	298.2	+ Na <sub>2</sub> HPO <sub>4</sub> /NaH <sub>2</sub> PO <sub>4</sub> (pH 7) + 0.2 wt%	CMC	42 - 38	[L] = 0.0010 - 0.1000 mol/L	21	WP	107
265	[C4C1im]	[C8SO4]	1-Butyl-3-methylimidazolium octylsulfate	298.2	+ Na <sub>2</sub> HPO <sub>4</sub> /NaH <sub>2</sub> PO <sub>4</sub> (pH 7) + 0.2 wt%	CMC	42 - 32	[L] = 0.0010 - 0.1000 mol/L	33	WP	107
266	[C4C1im]	[SCN]	1-Butyl-3-methylimidazolium thiocyanate	298.15 - 338.15	1-pentanol	ST	20.34 - 47.45	xIL = 0.0 - 1.0	45	DNR	88
267	[C4C1im]	[SCN]	1-Butyl-3-methylimidazolium thiocyanate	298.15 - 338.15	1-pentanol	ST	21.31 - 47.45	xIL = 0.0 - 1.0	50	DNR	88
268	[C4C1im]	[SCN]	1-Butyl-3-methylimidazolium thiocyanate	298.15 - 338.15	1-hexanol	ST	22.23 - 47.45	xIL = 0.0 - 1.0	45	DNR	88
269	[carbazoleC6C1im]	Br	1-(N-carbazole)hexyl-3-methylimidazolium bromide	298	water	CMC	72 - 60	[L] = 0.0010 - 0.1000 mol/L	9	UNKN	108
270	[carbazoleC10C1im]	Br	1-(N-carbazole)decyl-3-methylimidazolium bromide	298	water	CMC	72 - 56	[L] = 0.0001 - 0.0100 mol/L	11	UNKN	108
271	[carbazoleC12C1im]	Br	1-(N-carbazole)dodecyl-3-methylimidazolium bromide	298	water	CMC	72 - 56	[L] = 0.00001 - 0.0010 mol/L	12	UNKN	108
272	[C4C1im]	[Glu]	1-Butyl-3-methylimidazolium glutamine	308.15 - 343.15	water	ST	51.1 - 37.1	wIL = 0.986 - 1.000	48	BP	90
273	[C6C1im]	Cl	1-Hexyl-3-methylimidazolium chloride	298	water	CMC	72 - 38	[L] = 0.00001 - 1.000 mol/L	18	DNR	109
274	[C6C1im]	Cl	1-Hexyl-3-methylimidazolium chloride	298	water + 0.5 M NaCl	CMC	65 - 35	[L] = 0.00001 - 1.000 mol/L	13	DNR	109
275	[C6C1im]	Cl	1-Hexyl-3-methylimidazolium chloride	298	water + 0.5 M NaBr	CMC	60 - 30	[L] = 0.00001 - 1.000 mol/L	12	DNR	109
276	[C6C1im]	Cl	1-Hexyl-3-methylimidazolium chloride	298	water + 0.5 M NaI	CMC	50 - 20	[L] = 0.00001 - 1.000 mol/L	12	DNR	109
277	[C14C1im]	Br	1-Tetradecyl-3-methylimidazolium bromide	298.15 - 318.15	water + BSA	CMC	70 - 35	[L] = 0 - 0.1 mol/L, [BSA] = 10 <sup>-3</sup> (0.2 - 5.0) mol/	141	DNR	110

SURFACE TENSION DATABASE FOR PURE IONIC LIQUIDS

S.NO.	CATION	ANION	IONIC LIQUID	T RANGE	$\sigma$ RANGE	SLOPE	DATA PTS	METHOD	REF
<b>2001</b>									
1	[C4C1im]	I	1-Butyl-3-methylimidazolium iodide	298.15	54.7	-	1	DNR	14
2	[C4C1im]	[BF4]	1-Butyl-3-methylimidazolium tetrafluoroborate	298.15	46.6	-	1	DNR	14
3	[C4C1im]	[PF6]	1-Butyl-3-methylimidazolium hexafluorophosphate	298.15	48.8	-	1	DNR	14
4	[C4C1im]	[Ntf2]	1-Butyl-3-methylimidazolium bis(trifluoromethylsulfonyl)amide	298.15	37.5	-	1	DNR	14
5	[C6C1im]	Cl	1-Hexyl-3-methylimidazolium chloride	298.15	42.5	-	1	DNR	14
6	[C6C1im]	[PF6]	1-Hexyl-3-methylimidazolium hexafluorophosphate	298.15	43.4	-	1	DNR	14
7	[C8C1im]	Cl	1-Octyl-3-methylimidazolium chloride	298.15	33.8	-	1	DNR	14
8	[C8C1im]	[PF6]	1-Octyl-3-methylimidazolium hexafluorophosphate	298.15	36.5	-	1	DNR	14
9	[C4C1im]	[PF6]	1-Butyl-3-methylimidazolium hexafluorophosphate	336	42.9	-	1	DNR	17
10	[C4C1im]	[BF4]	1-Butyl-3-methylimidazolium tetrafluoroborate	336	38.4	-	1	DNR	17
11	[C8C1im]	[PF6]	1-Octyl-3-methylimidazolium hexafluorophosphate	336	32.8	-	1	DNR	17
12	[C8C1im]	[BF4]	1-Octyl-3-methylimidazolium tetrafluoroborate	336	29.8	-	1	DNR	17
13	[C8C1im]	Br	1-Octyl-3-methylimidazolium bromide	336	32	-	1	DNR	17
14	[C8C1im]	Cl	1-Octyl-3-methylimidazolium chloride	336	30.5	-	1	DNR	17
15	[C12C1im]	[PF6]	1-Dodecyl-3-methylimidazolium hexafluorophosphate	336	23.6	-	1	DNR	17
16	[C12C1im]	[BF4]	1-Dodecyl-3-methylimidazolium tetrafluoroborate	336	25.2	-	1	DNR	17
<b>2002</b>									
17	[PhC1C1im]	[Ntf2]	1-(Phenylmethyl)-3-methylimidazolium bis(trifluoromethyl-sulfonyl)amide	-	40.8	-	1	CR	9
18	[PhC2C1im]	[Ntf2]	1-(2-Phenylethyl)-3-methylimidazolium bis(trifluoromethyl-sulfonyl)amide	-	42.1	-	1	CR	9
19	[PhC3C1im]	[Ntf2]	1-(3-Phenylpropyl)-3-methylimidazolium bis(trifluoromethyl-sulfonyl)amide	-	43.5	-	1	CR	9
20	[PhC3C1im]	[PF6]	1-(3-Phenylpropyl)-3-methylimidazolium hexafluorophosphate	-	33	-	1	CR	9
<b>2003</b>									
<b>2004</b>									
21	[C4C1im]	[FeCl4]	1-Butyl-3-methylimidazolium chloroferrate	283.15 - 343.15	47.15 - 43.5	-0.056	13	BP	67
22	[C2C1im]	[C2SO4]	1-Ethyl-3-methylimidazolium ethylsulfate	278.15 - 328.15	50.42 - 47.01	-0.069	6	BP	75
<b>2005</b>									
23	[C2C1im]	[InCl4]	1-Ethyl-3-methylimidazolium chloroindium	293.15 - 343.15	52.78 - 49.49	-0.068	11	BP	69
24	[C4C1im]	[PF6]	1-Butyl-3-methylimidazolium hexafluorophosphate	313 - 343	44.7 - 42.3	-	-	PD	47
25	[C4C1im]	[BF4]	1-Butyl-3-methylimidazolium tetrafluoroborate	314 - 344	39.7 - 37.9	-	-	PD	47
26	[C8C1im]	[PF6]	1-Octyl-3-methylimidazolium hexafluorophosphate	313 - 343	34.3 - 32.4	-	-	PD	47
27	[C8C1im]	[BF4]	1-Octyl-3-methylimidazolium tetrafluoroborate	313 - 343	30.6 - 29	-	-	PD	47
28	[C8C1im]	Br	1-Octyl-3-methylimidazolium bromide	313 - 343	34 - 31.4	-	-	PD	47
29	[C8C1im]	Cl	1-Octyl-3-methylimidazolium chloride	313 - 333	31.9 - 30.7	-	-	PD	47
30	[C12C1im]	[PF6]	1-Dodecyl-3-methylimidazolium hexafluorophosphate	313 - 343	22.7 - 21.1	-	-	PD	47
31	[C12C1im]	[BF4]	1-Dodecyl-3-methylimidazolium tetrafluoroborate	313 - 343	26.5 - 24.9	-	-	PD	47
32	[C4C1im]	[PF6]	1-Butyl-3-methylimidazolium hexafluorophosphate	298 - 338	42.9 - 40.3	-	-	PD	47
33	[C6C1im]	[PF6]	1-Hexyl-3-methylimidazolium hexafluorophosphate	299 - 338	37.4 - 35.1	-	-	PD	47
34	[C10C1im]	[PF6]	1-Decyl-3-methylimidazolium hexafluorophosphate	301 - 338	30.7 - 28.4	-	-	PD	47
35	[C2C1im]	[Ntf2]	1-Ethyl-3-methylimidazolium bis(trifluoromethylsulfonyl)amide	302 - 338	34.7 - 32.8	-	-	PD	47
36	[C4C1im]	[Ntf2]	1-Butyl-3-methylimidazolium bis(trifluoromethylsulfonyl)amide	303 - 338	31.5 - 29.6	-	-	PD	47
37	[C6C1im]	[Ntf2]	1-Hexyl-3-methylimidazolium bis(trifluoromethylsulfonyl)amide	304 - 338	30.6 - 28.6	-	-	PD	47
38	[C10C1im]	[Ntf2]	1-Decyl-3-methylimidazolium bis(trifluoromethylsulfonyl)amide	306 - 338	29.1 - 26.8	-	-	PD	47
39	[C4C1im]	Cl	1-Butyl-3-methylimidazolium chloride	370 - 450	-	-0.040	10	BP	61
40	[C4C1im]	[AlCl4]	1-Butyl-3-methylimidazolium chloroaluminum	300 - 420	-	-0.056	11	BP	61
41	[C2C1im]	[C1BF3]	1-Ethyl-3-methylimidazolium methyltrifluoroborate	298.15	45.2	-	1	PD	48
42	[C2C1im]	[C2BF3]	1-Ethyl-3-methylimidazolium ethyltrifluoroborate	298.15	42.5	-	1	PD	48
43	[C2C1im]	[C3BF3]	1-Ethyl-3-methylimidazolium propyltrifluoroborate	298.15	38	-	1	PD	48
44	[C2C1im]	[C4BF3]	1-Ethyl-3-methylimidazolium butyltrifluoroborate	298.15	34.2	-	1	PD	48
45	[C2C1im]	[C5BF3]	1-Ethyl-3-methylimidazolium pentyltrifluoroborate	298.15	33.8	-	1	PD	48
46	[C2C1im]	[C2H3BF3]	1-Ethyl-3-methylimidazolium vinyltrifluoroborate	298.15	44.3	-	1	PD	48
47	[C2C1im]	[BF4]	1-Ethyl-3-methylimidazolium tetrafluoroborate	298.15	54.4	-	1	PD	48
48	[C4C1im]	[PF6]	1-Butyl-3-methylimidazolium hexafluorophosphate	280 - 400	-	-0.033	11	DLS	81
<b>2006</b>									
49	[C2C1im]	[C2SO4]	1-Ethyl-3-methylimidazolium ethylsulfate	288.15 - 313.15	47.91 - 45.84	-0.081	6	PD	41
50	[C1C1im]	[C1SO4]	1,3-Dimethylimidazolium methylsulfate	288.15 - 313.15	60.9 - 58.9	-0.079	6	PD	42
51	[C2C1im]	[BF4]	1-Ethyl-3-methylimidazolium tetrafluoroborate	298	44.3	-	1	CR	7
52	[C2C1im]	[Otf]	1-Ethyl-3-methylimidazolium trifluoromethylsulfonate	298	39.2	-	1	CR	7
53	[C2C1im]	[Ntf2]	1-Ethyl-3-methylimidazolium bis(trifluoromethylsulfonyl)amide	298	35.2	-	1	CR	7
54	[C1C1im]	[N(CN)2]	1,3-Dimethylimidazolium dicyanamide	298	61.6	-	1	CR	7
55	[C2C1im]	[N(CN)2]	1-Ethyl-3-methylimidazolium dicyanamide	298	42.6	-	1	CR	7
56	[C2C1im]	[C(CN)3]	1-Ethyl-3-methylimidazolium tricyanomethanide	298	47.9	-	1	CR	7
57	[C2C1im]	[SCN]	1-Ethyl-3-methylimidazolium thiocyanate	298	49	-	1	CR	7
58	[C2C1im]	[GaCl4]	1-Ethyl-3-methylimidazolium chlorogallate	298	50	-	1	CR	7
59	[C2C1im]	[FeCl4]	1-Ethyl-3-methylimidazolium chloroferrate	298	47.7	-	1	CR	7
60	[C4C1im]	[GaCl4]	1-Butyl-3-methylimidazolium chlorogallate	298	41.5	-	1	CR	7
61	[C4C1im]	[FeCl4]	1-Butyl-3-methylimidazolium chloroferrate	298	44.9	-	1	CR	7
62	[C4C1im]	[Au(CN)2]	1-Butyl-3-methylimidazolium aurocyanide	298	46.6	-	1	CR	7
63	[C2C1im]	[C2SO4]	1-Ethyl-3-methylimidazolium ethylsulfate	298	42.5	-	1	CR	7
64	[C2C1im]	[Gly]	1-Ethyl-3-methylimidazolium glycinate	288.15 - 343.15	49.6 - 48	-0.027	7	BP	76
65	[C2C1im]	[GaCl4]	1-Ethyl-3-methylimidazolium chlorogallate	288.15 - 343.15	52.94 - 46.79	-0.111	12	BP	77
66	[C4C1im]	[Otf]	1-Butyl-3-methylimidazolium trifluoromethylsulfonate	298.45	33.97	-	1	PD	45
67	[C4C1im]	[Ntf2]	1-Butyl-3-methylimidazolium bis(trifluoromethylsulfonyl)amide	298.25	33.2	-	1	PD	45
68	[C4C1im]	[BF4]	1-Butyl-3-methylimidazolium tetrafluoroborate	298.55	43.92	-	1	PD	45
69	[C6C1im]	I	1-Hexyl-3-methylimidazolium iodide	298.45	40.23	-	1	PD	45
70	[C4C1im]	[I3]	1-Butyl-3-methylimidazolium triiodide	298.35	51.84	-	1	PD	45
71	[C4C1im]	[I5]	1-Butyl-3-methylimidazolium pentaiodide	298.85	55.26	-	1	PD	45
72	[C4C1im]	[I7]	1-Butyl-3-methylimidazolium heptaoidide	298.15	58.19	-	1	PD	45
73	[C2C1im]	[I7]	1-Ethyl-3-methylimidazolium heptaoidide	298.15	63.41	-	1	PD	45
74	[C2C1im]	[I9]	1-Butyl-3-methylimidazolium eneaoidide	298.05	64.18	-	1	PD	45
75	[C5C1im]	[AlCl4]	1-Pentyl-3-methylimidazolium chloroaluminum	273.15 - 343.15	44 - 40	-0.057	15	BP	72
76	[C5C1im]	[GaCl4]	1-Pentyl-3-methylimidazolium chlorogallate	273.15 - 343.15	44.4 - 40.4	-0.055	15	BP	72
77	[C5C1im]	[InCl4]	1-Pentyl-3-methylimidazolium chloroindium	273.15 - 343.15	45.1 - 41	-0.058	15	BP	72
78	[C4C1im]	[AlCl4]	1-Butyl-3-methylimidazolium chloroaluminum	278.2 - 343.2	47 - 43.1	-0.056	14	BP	60
79	[C4C1im]	[GaCl4]	1-Butyl-3-methylimidazolium chlorogallate	268.15 - 338.15	46.87 - 43.39	-0.047	8	BP	65
80	[C4C1im]	[Ntf2]	1-Butyl-3-methylimidazolium bis(trifluoromethylsulfonyl)amide	298	35.4	-	1	WP	27
81	[C4C1im]	[PF6]	1-Butyl-3-methylimidazolium hexafluorophosphate	298	46.8	-	1	WP	27
82	[C4C1im]	[BF4]	1-Butyl-3-methylimidazolium tetrafluoroborate	298.15	45.74	-	1	PD	46
<b>2007</b>									
83	[C6C1im]	[InCl4]	1-Hexyl-3-methylimidazolium chloroindium	283.15 - 338.15	42.0 - 38.9	-0.057	12	BP	73
84	[C4C1im]	[PF6]	1-Butyl-3-methylimidazolium hexafluorophosphate	298.15	53.1	-	1	PD	40
85	[C4H7C1im]	[BF4]	1-Isobutyl-3-methylimidazolium tetrafluoroborate	298.15	51.8	-	1	PD	40
86	[C4mim]	[C1SO4]	1-Butyl-3-methylimidazolium methylsulfate	283.15 - 313.15	45.9 - 41.8	-0.136	7	PD	43
87	[C2C1im]	[Otf]	1-Ethyl-3-methylimidazolium trifluoromethylsulfonate	296.28 - 353.56	44.46 - 42.49	-0.036	13	DNR	12
88	[C2C1im]	[Ntf2]	1-Ethyl-3-methylimidazolium bis(trifluoromethylsulfonyl)amide	298.7 - 331.02	41.62 - 39.94	-0.051	10	DNR	12
89	[C4C1im]	[PF6]	1-Butyl-3-methylimidazolium hexafluorophosphate	298.15 - 335.61	47.92 - 45.41	-0.065	10	DNR	12
90	[C6C1im]	[Ntf2]	1-Hexyl-3-methylimidazolium bis(trifluoromethylsulfonyl)amide	297.22 - 346.42	35.98 - 33.44	-0.051	13	DNR	12
91	[P66614]	Cl	Trihexyl-tetradecylphosphonium chloride	297.99 - 347.68	33.62 - 29.55	-0.080	12	DNR	12
92	[P66614]	[N(CN)2]	Trihexyl-tetradecylphosphonium dicyanamide	295.06 - 348.47	35.22 - 31.09	-0.080	14	DNR	12
93	[P66614]	[Ntf2]	Trihexyl-tetradecylphosphonium bis(trifluoromethylsulfonyl)amide	298.2 - 349.8	33.08 - 28.93	-0.079	11	DNR	12

94	[P4442]	[C2C2PO4]	Tributyl-ethylphosphonium diethylphosphate	296.66 - 350.86	33.6 - 29.59	-0.078	11	DNR	12	
95	[N1 1 i3 4]	[Ntf2]	Dimethyl-isopropyl-butylammonium bis(trifluoromethylsulfonyl)amide	299.1 - 324.9	38.38 - 36.93	-0.058	14	DNR	12	
96	[N1 1 i3 10]	[Ntf2]	Dimethyl-isopropyl-decylammonium bis(trifluoromethylsulfonyl)amide	300 - 328.1	36.13 - 33.79	-0.085	16	DNR	12	
97	[N1 1 i3 6]	[Ntf2]	Dimethyl-isopropyl-hexylammonium bis(trifluoromethylsulfonyl)amide	300.1 - 322.6	36.74 - 35.01	-0.077	11	DNR	12	
98	[N8 8 8 1]	[Ntf2]	Trioctyl-methyl-ammonium bis(trifluoromethylsulfonyl)amide	299.46 - 336.79	29.06 - 26.69	-0.069	9	DNR	12	
99	[N1 1 1 4]	[Ntf2]	Trimethyl-butyl-ammonium bis(trifluoromethylsulfonyl)amide	298.35 - 340.58	38.05 - 36.5	-0.037	10	DNR	12	
100	[N1 1 1 10]	[Ntf2]	Trimethyl-decyl-ammonium bis(trifluoromethylsulfonyl)amide	300.96 - 347.26	35.42 - 32.23	-0.068	10	DNR	12	
101	[N1 1 1 6]	[Ntf2]	Trimethyl-hexyl-ammonium bis(trifluoromethylsulfonyl)amide	300.35 - 333.35	35.88 - 33.77	-0.064	11	DNR	12	
102	[N2 2 2 6]	[Ntf2]	Triethyl-hexyl-ammonium bis(trifluoromethylsulfonyl)amide	299.54 - 347.11	35.17 - 31.45	-0.076	10	DNR	12	
103	[C6C1im]	[GaCl4]	1-Hexyl-3-methylimidazolium chlorogallate	283.15 - 338.15	41.2 - 38.2	-0.056	12	BP	74	
104	[C4C1im]	[BF4]	1-Butyl-3-methylimidazolium tetrafluoroborate	298.15	38.1	-	1	DNR	16	
105	[C4C1im]	[PF6]	1-Butyl-3-methylimidazolium hexafluorophosphate	298.15	42.7	-	1	DNR	16	
106	[C4C1im]	[Ntf2]	1-Butyl-3-methylimidazolium bis(trifluoromethylsulfonyl) amide	298.15	46.3	-	1	DNR	16	
107	[(CN)C3C1im]	[BF4]	1-(3-Cyanopropyl)-3-methylimidazolium tetrafluoroborate	298.15	48.3	-	1	DNR	16	
108	[(CN)C3C1im]	[Ntf2]	1-(3-Cyanopropyl)-3-methylimidazolium bis(trifluoromethanesulfonyl)amide	298.15	52.2	-	1	DNR	16	
109	[(CN)C3C1im]	[N(CN)2]	1-(3-Cyanopropyl)-3-methylimidazolium dicyanamide	298.15	51.4	-	1	DNR	16	
110	[(CN)C3C1C1im]	[Ntf2]	1-(3-Cyanopropyl)-2,3-dimethylimidazolium bis(trifluoromethanesulfonyl)amide	298.15	45.2	-	1	DNR	16	
111	[(CN)C3C1C1im]	[N(CN)2]	1-(3-Cyanopropyl)-2,3-dimethylimidazolium dicyanamide	298.15	40.5	-	1	DNR	16	
112	[(CN)C3py]	[Ntf2]	N-(3-Cyanopropyl)pyridinium bis(trifluoromethanesulfonyl)amide	298.15	44.8	-	1	DNR	16	
113	[(CN)C3py]	[N(CN)2]	N-(3-Cyanopropyl)pyridinium dicyanamide	298.15	39.1	-	1	DNR	16	
114	[C4C1im]	[N(CN)2]	1-Butyl-3-methylimidazolium dicyanamide	296.15	46.5	-	1	CR	8	
115	[C4C1C1im]	[N(CN)2]	1-Butyl-2,3-dimethylimidazolium dicyanamide	296.15	48.9	-	1	CR	8	
116	[C4(C1im)2]	[N(CN)2]	1-Butyl-1',3-dimethyl-2,2'-biimidazolium dicyanamide	296.15	35.8	-	1	CR	8	
117	[iC4C1im]	[N(CN)2]	1-Isobutyl-3-methylimidazolium dicyanamide	296.15	45.7	-	1	CR	8	
118	[C5C1im]	[BF4]	1-Pentyl-3-methylimidazolium tetrafluoroborate	278.15 - 338.15	40.3 - 38.4	-0.033	13	BP	78	
119	[C4C1im]	[BF4]	1-Butyl-3-methylimidazolium tetrafluoroborate	293.15 - 341.35	44.81 - 41.64	-0.066	6	DNR	15	
120	[C4C1im]	[PF6]	1-Butyl-3-methylimidazolium hexafluorophosphate	293.15 - 343.15	44.1 - 41.07	-0.062	6	DNR	15	
121	[C4C1im]	[Ntf2]	1-Butyl-3-methylimidazolium bis(trifluoromethylsulfonyl)amide	293.15 - 343.15	33.6 - 30.9	-0.055	6	DNR	15	
122	[C4C1im]	[Otf]	1-Butyl-3-methylimidazolium trifluoromethylsulfonate	293.2 - 343.2	35.52 - 33.3	-0.044	6	DNR	15	
123	[C8C1im]	[PF6]	1-Octyl-3-methylimidazolium hexafluorophosphate	293.15 - 343.15	35.16 - 31.98	-0.064	6	DNR	15	
124	[C4C1C1im]	[PF6]	1-Butyl-2,3-dimethylimidazolium hexafluorophosphate	303.15 - 353.15	44.8 - 41.37	-0.069	6	DNR	15	
125	[C8C1im]	[BF4]	1-Octyl-3-methylimidazolium tetrafluoroborate	288.15 - 343.15	34.15 - 30.2	-0.070	7	DNR	15	
126	[C6C1im]	[PF6]	1-Hexyl-3-methylimidazolium hexafluorophosphate	293.15 - 353.15	39.02 - 35.15	-0.063	7	DNR	15	
127	[C4C1im]	[PF6]	1-Butyl-3-methylimidazolium hexafluorophosphate	288.15 - 313.15	43.7 - 41.8	-0.073	6	PD	44	
128	[C8C1im]	[PF6]	1-Octyl-3-methylimidazolium hexafluorophosphate	293.15 - 313.15	36.5 - 35.2	-0.064	5	PD	44	
129	[C6C1im]	[PF6]	1-Hexyl-3-methylimidazolium hexafluorophosphate	293.15 - 313.15	37.5 - 36.1	-0.068	5	PD	44	
130	[(COOH)C1C1im]	[PF6]	1-Carboxymethyl-3-methylimidazolium hexafluorophosphate	AMBIENT	52.9	-	1	NOT SPECIFIC	84	
131	[(COOH)C1C1im]	[BF4]	1-Carboxymethyl-3-methylimidazolium tetrafluoroborate	AMBIENT	56.33	-	1	NOT SPECIFIC	84	
132	[(NH2)C2C1mim]	[PF6]	1-(2-Aminoethyl)-3-methylimidazolium hexafluorophosphate	AMBIENT	55.42	-	1	NOT SPECIFIC	84	
133	[(NH2)C2C1mim]	[BF4]	1-(2-Aminoethyl)-3-methylimidazolium tetrafluoroborate	AMBIENT	53.42	-	1	NOT SPECIFIC	84	
134	[C4C1im]	[BF4]	1-Butyl-3-methylimidazolium tetrafluoroborate	303 - 333	43.8 - 42.1	-	2	DNR	85	
135	[C4C1im]	[N(CN)2]	1-Butyl-3-methylimidazolium dicyanamide	303 - 333	47.9 - 45.5	-	2	DNR	85	
136	[(NH2)C4C1im]	[BF4]	1-(4-Aminobutyl)-3-methylimidazolium tetrafluoroborate	303 - 333	50.4 - 48.3	-	2	DNR	85	
137	[(NH2)C4C1im]	[N(CN)2]	1-(4-Aminobutyl)-3-methylimidazolium dicyanamide	303 - 333	45.2 - 43.6	-	2	DNR	85	
<b>2008</b>										
138	[C4C1im]	[BF4]	1-Butyl-3-methylimidazolium tetrafluoroborate	298.15	36.43	-	1	CR	6	
139	[C4C1im]	[C1SO4]	1-Butyl-3-methylimidazolium methylsulfate	298.15	41.42	-	1	DNR	86	
140	[C4C1im]	[C8SO4]	1-Butyl-3-methylimidazolium octylsulfate	298.15	28.37	-	1	DNR	86	
141	[C1C1im]	[C1SO4]	1,3-Dimethylimidazolium methylsulfate	298.15	56.46	-	1	DNR	86	
142	[C4C1im]	[ZnCl3]	1-Butyl-3-methylimidazolium chloride:zinc chloride (1:1)	313.2 - 343.2	57.49 - 54.79	-0.086	7	BP	66	
143	[C6C1im]	[BF4]	1-Hexyl-3-methylimidazolium tetrafluoroborate	298.15 - 338.15	36.8 - 32.7	-0.108	5	SD	79	
144	[C6C1im]	[PF6]	1-Hexyl-3-methylimidazolium hexafluorophosphate	298.15 - 338.15	42.1 - 36.6	-0.137	5	SD	79	
145	[C6C1im]	[Ntf2]	1-Hexyl-3-methylimidazolium bis(trifluoromethylsulfonyl)amide	298.15 - 338.15	32.5 - 28.6	-0.097	5	SD	79	
146	[C2C1im]	[Ntf2]	1-Ethyl-3-methylimidazolium bis(trifluoromethylsulfonyl)amide	300	40.5	-	1	DW	50	
147	[C2C1im]	[Otf]	1-Ethyl-3-methylimidazolium trifluoromethylsulfonate	300	53.7	-	1	DW	50	
148	[C4C1im]	[PF6]	1-Butyl-3-methylimidazolium hexafluorophosphate	300	47.2	-	1	DW	50	
149	[C6C1im]	[Ntf2]	1-Hexyl-3-methylimidazolium bis(trifluoromethylsulfonyl)amide	300	36.4	-	1	DW	50	
150	[(C2SO2)C2C1im]	[Otf]	1-(2-(ethylsulfonyl)ethyl)-3-methylimidazolium trifluoromethylsulfonate	300	53.7	-	1	DW	50	
151	[C2C1im]	[C2SO4]	1-Ethyl-3-methylimidazolium ethylsulfate	298.15	47	-	1	PD	37	
152	[C2C1im]	[Ntf2]	1-Ethyl-3-methylimidazolium bis(trifluoromethylsulfonyl)amide	293.15 - 343.15	36.94 - 34.57	-0.048	6	DNR	13	
153	[C3C1im]	[Ntf2]	1-Propyl-3-methylimidazolium bis(trifluoromethylsulfonyl)amide	293.15 - 343.15	34.87 - 32.18	-0.052	6	DNR	13	
154	[C4C1im]	[Ntf2]	1-Butyl-3-methylimidazolium bis(trifluoromethylsulfonyl)amide	293.15 - 343.15	33.6 - 30.9	-0.055	6	DNR	13	
155	[C5C1im]	[Ntf2]	1-Pentyl-3-methylimidazolium bis(trifluoromethylsulfonyl)amide	293.15 - 343.15	32.9 - 30.31	-0.053	6	DNR	13	
156	[C6C1im]	[Ntf2]	1-Hexyl-3-methylimidazolium bis(trifluoromethylsulfonyl)amide	293.15 - 343.15	32.31 - 29.62	-0.054	6	DNR	13	
157	[C7C1im]	[Ntf2]	1-Heptyl-3-methylimidazolium bis(trifluoromethylsulfonyl)amide	293.15 - 343.15	32.00 - 28.29	-0.061	6	DNR	13	
158	[C8C1im]	[Ntf2]	1-Octyl-3-methylimidazolium bis(trifluoromethylsulfonyl)amide	293.15 - 343.15	31.93 - 28.86	-0.062	6	DNR	13	
159	[C10C1im]	[Ntf2]	1-Decyl-3-methylimidazolium bis(trifluoromethylsulfonyl)amide	293.15 - 343.15	32.12 - 28.68	-0.067	6	DNR	13	
160	[N1 1 1 4]	[Ntf2]	Trimethyl-butylammonium bis(trifluoromethylsulfonyl)amide	278.75 - 328.15	33.31 - 30.64	-0.056	6	PD	38	
161	[N8881]	[Ntf2]	Trioctyl-methylammonium bis(trifluoromethylsulfonyl)amide	278.75 - 328.15	29.65 - 26.03	-0.075	6	PD	38	
162	[C2C1im]	[Ntf2]	1-Ethyl-3-methylimidazolium bis(trifluoromethylsulfonyl)amide	278.75 - 328.15	37.31 - 34.25	-0.062	6	PD	38	
163	[C4C1im]	[Ntf2]	1-Butyl-3-methylimidazolium bis(trifluoromethylsulfonyl)amide	278.75 - 328.15	33.80 - 31.28	-0.050	6	PD	38	
164	[C2C1im]	[C2SO4]	1-Ethyl-3-methylimidazolium ethylsulfate	278.75 - 328.15	46.70 - 43.37	-0.070	6	PD	38	
165	[C4C1im]	[C8SO4]	1-Butyl-3-methylimidazolium octylsulfate	278.75 - 328.15	28.08 - 24.99	-0.059	6	PD	38	
166	[C4C1im]	[C1SO4]	1-Butyl-3-methylimidazolium methylsulfate	303.15 - 333.15	42.72 - 41.02	-0.056	4	PD	39	
167	[C2C1im]	[C2SO4]	1-Ethyl-3-methylimidazolium ethylsulfate	303.15 - 333.15	47.25 - 45.65	-0.053	4	PD	39	
168	[C4C1im]	[Zn3Cl7]	1-Butyl-3-methylimidazolium chloride:zinc chloride (1:3)	318.2 - 343.2	78.3 - 76.4	-0.078	6	BP	87	
169	[C4C1im]	I	1-Butyl-3-methylimidazolium iodide	298 - 393	53.3 - 45.6	-0.062	20	CR	5	
170	[C4C1im]	Cl	1-Butyl-3-methylimidazolium chloride	298 - 393	48.2 - 41.8	-0.087	20	CR	5	
171	[C4C1im]	[PF6]	1-Butyl-3-methylimidazolium hexafluorophosphate	298 - 393	47.5 - 40.8	-0.072	20	CR	5	
172	[C4C1im]	[BF4]	1-Butyl-3-methylimidazolium tetrafluoroborate	298 - 393	43.6 - 38.2	-0.056	20	CR	5	
173	[C6C1im]	I	1-Hexyl-3-methylimidazolium iodide	298 - 393	43.5 - 36.5	-0.073	20	CR	5	
174	[C6C1im]	Cl	1-Hexyl-3-methylimidazolium chloride	298 - 393	41.8 - 36.2	-0.058	20	CR	5	
175	[C6C1im]	[PF6]	1-Hexyl-3-methylimidazolium hexafluorophosphate	298 - 393	43.4 - 38.8	-0.070	20	CR	5	
176	[C6C1im]	[BF4]	1-Hexyl-3-methylimidazolium tetrafluoroborate	298 - 393	39.2 - 34.3	-0.051	20	CR	5	
177	[C8C1im]	Cl	1-Octyl-3-methylimidazolium chloride	298 - 393	31.9 - 26.7	-0.055	20	CR	5	
178	[C8C1im]	[BF4]	1-Octyl-3-methylimidazolium tetrafluoroborate	298 - 393	30.7 - 26.0	-0.049	20	CR	5	
179	[C4C1im]	[BF4]	1-Butyl-3-methylimidazolium tetrafluoroborate	298	44	-	1	BP	58	
180	[C4C1im]	[PF6]	1-Butyl-3-methylimidazolium hexafluorophosphate	298	40.9	-	1	BP	58	
181	[C4C1im]	[Ntf2]	1-Butyl-3-methylimidazolium bis(trifluoromethylsulfonyl)amide	298	33	-	1	BP	58	
182	[C4C1im]	[Ctf3]	1-Butyl-3-methylimidazolium tris(trifluoromethylsulfonyl)methide	298	35.1	-	1	BP	58	
183	[C1C3pyrr]	[Ntf2]	N-Propyl-N-methylpyrrolidinium bis(trifluoromethylsulfonyl)amide	298	34.4	-	1	BP	58	
184	[C1C4pyrr]	[Ntf2]	N-Butyl-N-methylpyrrolidinium bis(trifluoromethylsulfonyl)amide	298	33	-	1	BP	58	
185	[C1C6pyrr]	[Ntf2]	N-Hexyl-N-methylpyrrolidinium bis(trifluoromethylsulfonyl)amide	298	31.7	-	1	BP	58	
186	[C1C10pyrr]	[Ntf2]	N-Decyl-N-methylpyrrolidinium bis(trifluoromethylsulfonyl)amide	298	31.4	-	1	BP	58	
187	[N1 1 i3 3]	[Ntf2]	Dimethyl-isopropyl-propylammonium bis(trifluoromethylsulfonyl)amide	298	34.3	-	1	BP	58	
188	[N1 1 i3 4]	[Ntf2]	Dimethyl-isopropyl-butylammonium bis(trifluoromethylsulfonyl)amide	298	32.8	-	1	BP	58	
189	[N1 1 i3 6]	[Ntf2]	Dimethyl-isopropyl-hexylammonium bis(trifluoromethylsulfonyl)amide	298	31.4	-	1	BP	58	
190	[N1 1 i3 10]	[Ntf2]	Dimethyl-isopropyl-decylammonium bis(trifluoromethylsulfonyl)amide	298	31.3	-	1	BP	58	
191	[(OH)C2C1im]	[Ntf2]	1-(2-Hydroxyethyl)-3-methylimidazolium bis(trifluoromethylsulfonyl)amide	298	34	-	1	BP	58	
192	[(OH)C2C1pyrr]	[Ntf2]	N-(2-Hydroxyethyl)-N-methylpyrrolidinium bis(trifluoromethylsulfonyl)amide	298	38	-	1	BP	58	
193	[N1 1 i3OH]	[Ntf2]	Dimethyl-isopropyl-(2-hydroxyethyl)-ammonium bis(trifluoromethylsulfonyl)amide	298	38	-	1	BP	58	
194</										

203	[C4-3-C1py]	[BF4]	N-Butyl-3-methylpyridinium tetrafluoroborate	278.15 - 328.15	46.35 - 42.93	-0.069	21	DV	51	
204	[C4-4-C1py]	[BF4]	N-Butyl-4-methylpyridinium tetrafluoroborate	278.15 - 328.15	47.16 - 43.36	-0.076	21	DV	51	
<b>2009</b>										
205	[(OH)C2C1im]	[BF4]	1-(2-Hydroxyethyl)-3-methylimidazolium tetrafluoroborate	298.85 - 470.56	64.7 - 53.6	-0.065	12	PD	33	
206	[C8C1im]	[BF4]	1-Octyl-3-methylimidazolium tetrafluoroborate	297.80 - 470.56	32.7 - 23.7	-0.055	10	PD	33	
207	[C8-3-C1py]	[BF4]	N-Octyl-3-methylpyridinium tetrafluoroborate	278.15 - 328.15	39.82 - 33.98	-0.112	21	DV	52	
208	[C4C1im]	[PF6]	1-Butyl-3-methylimidazolium hexafluorophosphate	287.6 - 352.78	44.41 - 40.47	-0.061	14	WP	20	
209	[C4C1im]	[PF6]	1-Butyl-3-methylimidazolium hexafluorophosphate	288.14 - 352.99	44.47 - 40.75	-0.059	14	DNR	20	
210	[C6C1im]	[PF6]	1-Hexyl-3-methylimidazolium hexafluorophosphate	284.3 - 353.68	39.12 - 38.60	-0.064	15	WP	20	
211	[C6C1im]	[PF6]	1-Hexyl-3-methylimidazolium hexafluorophosphate	284.36 - 353.76	39.1 - 34.87	-0.063	15	DNR	20	
212	[C8C1im]	[PF6]	1-Octyl-3-methylimidazolium hexafluorophosphate	283.92 - 353.56	34.62 - 30.94	-0.054	15	WP	20	
213	[C8C1im]	[PF6]	1-Octyl-3-methylimidazolium hexafluorophosphate	283.91 - 353.62	34.75 - 30.83	-0.055	13	DNR	20	
214	[C3C1im]	[PF6]	1-Propyl-3-methylimidazolium hexafluorophosphate	318.33 - 352.08	46.41 - 44.31	-0.062	9	WP	20	
215	[C3C1im]	[PF6]	1-Propyl-3-methylimidazolium hexafluorophosphate	318.39 - 352	46.75 - 44.38	-0.068	8	DNR	20	
216	[C2C1im]	[C1SO3]	1-Ethyl-3-methylimidazolium methylsulfonate	293.15	50.72	-	1	PD	35	
217	[C2C1im]	[C1HPO3]	1-Ethyl-3-methylimidazolium methylphosphonate	293.15	45.49	-	1	PD	35	
218	[C2C1im]	[C8SO4]	1-Ethyl-3-methylimidazolium octylsulfate	293.15	31	-	1	PD	35	
219	[C4C4im]	[Ntf2]	1-Butyl-3-butylimidazolium bis(trifluoromethylsulfonyl)amide	293.15	29.55	-	1	PD	35	
220	[C1C1im]	[C1SO4]	1,3-Dimethylimidazolium methylsulfate	298.15 - 313.15	59.42 - 58.99	-	2	PD	36	
221	[C4C1im]	[C1SO4]	1-Butyl-3-methylimidazolium methylsulfate	298.15 - 313.15	43.3 - 42.09	-	2	PD	36	
222	[C6C1im]	[C1SO4]	1-Hexyl-3-methylimidazolium methylsulfate	298.15 - 313.15	33.59 - 33.54	-	2	PD	36	
223	[C8C1im]	[C1SO4]	1-Octyl-3-methylimidazolium methylsulfate	298.15 - 313.15	30.41 - 30.03	-	2	PD	36	
224	[C2C1im]	[C2SO4]	1-Ethyl-3-methylimidazolium ethylsulfate	313.15	46.78	-	1	PD	36	
225	[C4C1im]	[C2SO4]	1-Butyl-3-methylimidazolium ethylsulfate	298.15 - 313.15	36.38 - 33.91	-	2	PD	36	
226	[C6C1im]	[C2SO4]	1-Hexyl-3-methylimidazolium ethylsulfate	298.15 - 313.16	31.77 - 29.63	-	2	PD	36	
227	[C8C1im]	[C2SO4]	1-Octyl-3-methylimidazolium ethylsulfate	298.15 - 313.17	28.67 - 27.94	-	2	PD	36	
228	[C6py]	[ReO4]	N-Hexylpyridinium rheniumate	293.15 - 343.15	34.4 - 31.1	-0.064	11	BP	68	
229	[C1C1im]	[C1SO4]	1,3-Dimethylimidazolium methylsulfate	298	65.1	-	1	DNR	21	
230	[C2C1im]	[C1SO4]	1-Ethyl-3-methylimidazolium methylsulfate	298	62.9	-	1	DNR	21	
231	[C3C1im]	[C1SO4]	1-Propyl-3-methylimidazolium methylsulfate	298	52.3	-	1	DNR	21	
232	[C4C1im]	[C1SO4]	1-Butyl-3-methylimidazolium methylsulfate	298	44.1	-	1	DNR	21	
233	[C1C1im]	[C2SO4]	1,3-Dimethylimidazolium ethylsulfate	298	58.3	-	1	DNR	21	
234	[C2C1im]	[C2SO4]	1-Ethyl-3-methylimidazolium ethylsulfate	298	50.5	-	1	DNR	21	
235	[C3C1im]	[C2SO4]	1-Propyl-3-methylimidazolium ethylsulfate	298	48.6	-	1	DNR	21	
236	[C4C1im]	[C2SO4]	1-Butyl-3-methylimidazolium ethylsulfate	298	41.7	-	1	DNR	21	
237	[C4C1im]	[C8SO4]	1-Butyl-3-methylimidazolium octylsulfate	298	25.2	-	1	DNR	21	
238	[C1C1im]	[C3SO4]	1,3-Dimethylimidazolium propylsulfate	298	51.9	-	1	DNR	21	
239	[C2C1im]	[C3SO4]	1-Ethyl-3-methylimidazolium propylsulfate	298	44	-	1	DNR	21	
240	[C3C1im]	[C3SO4]	1-Propyl-3-methylimidazolium propylsulfate	298	42.1	-	1	DNR	21	
241	[C4C1im]	[C3SO4]	1-Butyl-3-methylimidazolium propylsulfate	298	36.7	-	1	DNR	21	
242	[C1C1im]	[C4SO4]	1,3-Dimethylimidazolium butylsulfate	298	41.8	-	1	DNR	21	
243	[C2C1im]	[C4SO4]	1-Ethyl-3-methylimidazolium butylsulfate	298	40.8	-	1	DNR	21	
244	[C3C1im]	[C4SO4]	1-Propyl-3-methylimidazolium butylsulfate	298	38.2	-	1	DNR	21	
245	[C4C1im]	[C4SO4]	1-Butyl-3-methylimidazolium butylsulfate	298	31.1	-	1	DNR	21	
246	[C3py]	[ReO4]	N-Propylpyridinium rheniumate	293.15 - 343.15	45 - 41.6	-0.070	11	BP	70	
247	[C4C1im]	[Ntf2]	1-Butyl-3-methylimidazolium bis(trifluoromethylsulfonyl)amide	303.15	33.8	-	1	DLS	26	
248	[C4C1im]	[Ntf2]	1-Butyl-3-methylimidazolium bis(trifluoromethylsulfonyl)amide	303.15	33.4	-	1	DNR	26	
249	[C6C1im]	[Ntf2]	1-Hexyl-3-methylimidazolium bis(trifluoromethylsulfonyl)amide	303.15	31.2	-	1	DLS	26	
250	[C6C1im]	[Ntf2]	1-Hexyl-3-methylimidazolium bis(trifluoromethylsulfonyl)amide	303.15	30.8	-	1	DNR	26	
251	[C4C1im]	[PF6]	1-Butyl-3-methylimidazolium hexafluorophosphate	303.15	43	-	1	DLS	26	
252	[C4C1im]	[PF6]	1-Butyl-3-methylimidazolium hexafluorophosphate	303.15	42.6	-	1	DNR	26	
253	[C6C1im]	[PF6]	1-Hexyl-3-methylimidazolium hexafluorophosphate	303.15	37.9	-	1	DLS	26	
254	[C6C1im]	[PF6]	1-Hexyl-3-methylimidazolium hexafluorophosphate	303.15	38.6	-	1	DNR	26	
255	[C8C1im]	[PF6]	1-Octyl-3-methylimidazolium hexafluorophosphate	303.15	33.8	-	1	DLS	26	
256	[C8C1im]	[PF6]	1-Octyl-3-methylimidazolium hexafluorophosphate	303.15	32.9	-	1	DNR	26	
257	[C1C3pip]	[Ntf2]	N-Methyl-N-propylpiperidinium bis(trifluoromethanesulfonyl)amide	303.15	34.4	-	1	DLS	26	
258	[C1C3pip]	[Ntf2]	N-Methyl-N-propylpiperidinium bis(trifluoromethanesulfonyl)amide	303.15	34.5	-	1	DNR	26	
259	[N1113]	[Ntf2]	Trimethylpropylammonium bis(trifluoromethylsulfonyl)amide	303.15	35	-	1	DLS	26	
260	[N1113]	[Ntf2]	Trimethylpropylammonium bis(trifluoromethylsulfonyl)amide	303.15	35.1	-	1	DNR	26	
261	[C2C1im]	[BF4]	1-Ethyl-3-methylimidazolium tetrafluoroborate	298.15	52.81	-	1	DV	55	
262	[C4C1im]	[BF4]	1-Butyl-3-methylimidazolium tetrafluoroborate	298.15	45.33	-	1	DV	55	
263	[C6C1im]	[BF4]	1-Hexyl-3-methylimidazolium tetrafluoroborate	298.15	37.33	-	1	DV	55	
264	[C8C1im]	[BF4]	1-Octyl-3-methylimidazolium tetrafluoroborate	298.15	32.84	-	1	DV	55	
265	[C4-2-C1py]	[BF4]	N-Butyl-2-methylpyridinium tetrafluoroborate	288.15 - 338.15	46.28 - 43.21	-0.062	21	DV	53	
266	[C4C1im]	[N(CN)2]	1-Butyl-3-methylimidazolium dicyanamide	293.15 - 344.15	48.6 - 45.0	-0.077	12	DNR	18	
267	[C4-3-C1py]	[N(CN)2]	N-Butyl-3-methylpyridinium dicyanamide	293.25 - 350.45	43.4 - 36.3	-0.118	18	DNR	18	
268	[C1C4pyrr]	[N(CN)2]	N-Butyl-N-methylpyrrolidinium dicyanamide	293.05 - 353.45	56.2 - 51.2	-0.091	15	DNR	18	
269	[C4C1im]	[C1SO4]	1-Butyl-3-methylimidazolium methylsulfate	294.55 - 354.35	42.9 - 37.7	-0.087	21	DNR	18	
270	[C4C1im]	[BF4]	1-Butyl-3-methylimidazolium tetrafluoroborate	293.65 - 360.95	44.6 - 40.3	-0.059	10	DNR	18	
271	[C8C1im]	[BF4]	1-Octyl-3-methylimidazolium tetrafluoroborate	298.45 - 361.85	32.3 - 28.7	-0.058	8	DNR	18	
272	[C4-4-C1py]	[BF4]	N-Butyl-4-methylpyridinium tetrafluoroborate	291.15 - 350.75	45.1 - 42.5	-0.052	16	DNR	18	
273	[C1C4pyrr]	[CF3CO2]	N-Butyl-N-methylpyrrolidinium trifluoroacetate	292.05 - 357.55	35.7 - 33.3	-0.037	17	DNR	18	
274	[C4C1im]	[SCN]	1-Butyl-3-methylimidazolium thiocyanate	295.85 - 350.85	46.9 - 36.6	-0.202	10	DNR	18	
275	[C4-4-C1py]	[SCN]	N-Butyl-4-methylpyridinium thiocyanate	302.85 - 342.15	47.7 - 38.4	-0.250	11	DNR	18	
276	[C1C4pyrr]	[SCN]	N-Butyl-N-methylpyrrolidinium thiocyanate	303.35 - 344.15	49.8 - 44.7	-0.100	15	DNR	18	
<b>2010</b>										
277	[C6C1im]	[Ntf2]	1-Hexyl-3-methylimidazolium bis(trifluoromethylsulfonyl)amide	283.15 - 348.15	31.2 - 27.6	-0.0584	4	DNR	24	
278	[C2C1im]	[C2SO4]	1-Ethyl-3-methylimidazolium ethylsulfate	292.91 - 332.09	47.165 - 45.076	-0.054	7	WP	25	
279	[C4py]	[BF4]	N-Butylpyridinium tetrafluoroborate	278.15 - 338.15	47.91 - 44.24	-0.0624	25	DV	54	
280	[C4py]	[Otf]	N-Butylpyridinium trifluoromethylsulfonate	298.15 - 338.15	36.47 - 34.82	-0.0415	17	DV	54	
281	[C2C1im]	[SCN]	1-Ethyl-3-methylimidazolium thiocyanate	298.15 - 338.15	57.76 - 57.04	-0.0178	5	DNR	22	
282	[C4C1im]	[SCN]	1-Butyl-3-methylimidazolium thiocyanate	298.15 - 338.15	47.45 - 44.12	-0.0844	5	DNR	88	
283	[C4py]	[ReO4]	N-Butylpyridinium rheniumate	293.15 - 333.15	41.6 - 38.2	-0.07	11	BP	63	
284	[C2C1im]	[N(CN)2]	1-Ethyl-3-methylimidazolium dicyanamide	293	64	-	1	DNR	23	
285	[C3C1C1im]	[Ntf2]	1,2-Dimethyl-3-propylimidazolium bis(trifluoromethylsulfonyl)amide	293	41	-	1	DNR	23	
286	[C1C4pyrr]	[PF3(C2F5)3]	N-Butyl-N-methylpyrrolidinium tris(pentafluoroethyl)trifluorophosphate	293	38	-	1	DNR	23	
287	[C2C1im]	[BF4]	1-Ethyl-3-methylimidazolium tetrafluoroborate	293	53	-	1	DNR	23	
288	[C2C1im]	[C2SO4]	1-Ethyl-3-methylimidazolium ethylsulfate	293.15	46.13	-	1	PD	30	
289	[C4C1im]	[BF4]	1-Butyl-3-methylimidazolium tetrafluoroborate	293.15	44.28	-	1	PD	30	
290	[C4C1im]	[Ntf2]	1-Butyl-3-methylimidazolium bis(trifluoromethylsulfonyl)amide	298.15	38.37	-	1	PD	30	
291	[C4C1im]	[N(CN)2]	1-Butyl-3-methylimidazolium dicyanamide	293.15	38.14	-	1	PD	30	
292	[C8C1im]	Cl	1-Octyl-3-methylimidazolium chloride	293.15	26.2	-	1	PD	30	
293	[C8C1im]	[BF4]	1-Octyl-3-methylimidazolium tetrafluoroborate	293.15	33.22	-	1	PD	30	
294	[C8C1im]	[Ntf2]	1-Octyl-3-methylimidazolium bis(trifluoromethylsulfonyl)amide	293.15	30.55	-	1	PD	30	
295	[C8C1im]	[N(CN)2]	1-Octyl-3-methylimidazolium dicyanamide	293.15	36.86	-	1	PD	30	
296	[C1OC1im]	[BF4]	1-Decyl-3-methylimidazolium tetrafluoroborate	293.15	23.65	-	1	PD	30	
297	[C1OC1im]	[N(CN)2]	1-Decyl-3-methylimidazolium dicyanamide	293.15	31.15	-	1	PD	30	
298	[(COC)C1C1im]	[BF4]	1-(2-Methoxyethyl)-3-methylimidazolium tetrafluoroborate	293.15	35.31	-	1	PD	30	
299	[C4C1C1im]	[Ntf2]	1-Butyl-2,3-dimethylimidazolium bis(trifluoromethylsulfonyl)amide	293.15	26.66	-	1	PD	30	
300	[(OH)C2C1im]	[N(CN)2]	1-(2-Hydroxyethyl)-3-methylimidazolium dicyanamide	293.15	45.75	-	1	PD	30	
301	[N 8 8 1]	Cl	Triethyl-methylammonium chloride	293.15	26.44	-	1	PD	30	
302	[N 8 8 1]	[Ntf2]	Triethyl-methylammonium bis(trifluoromethylsulfonyl)amide	293.15	22.77	-	1	PD	30	
303	[N 8 8 1]	[N(CN)2]	Triethyl-methylammonium dicyanamide	293.15	28.8	-	1	PD	30	
304	[P66614]	Cl	Trihexyl-tetradecylphosphonium chloride	293.15	30.7	-	1	PD	30	
305	[P66614]	[N(CN)2]	Trihexyl-tetradecylphosphonium dicyanamide	293.15	30.99	-	1	PD	30	
306	[P66614]	[tolSO3]	Trihexyl-tetradecylphosphonium p-toluenesulfonate	293.15	23.2	-	1	PD	30	
307	[u444411]	Cl	1,2,3,4-Tetrahexyl-5,6-dimethylguanidinium chloride	293.15	28.95	-	1	PD	30	
308	[u444411]	[N(CN)2]								

310	[C4C1im]	[BF4]	1-Butyl-3-methylimidazolium tetrafluoroborate	284.25 - 351.44	45.44 - 40.85	-0.0651	15	DNR	19
311	[C2C1im]	[Ntf2]	1-Ethyl-3-methylimidazolium bis(trifluoromethylsulfonyl)amide	283.16 - 351.54	36.78 - 33.42	-0.0498	15	WP	19
312	[C2C1im]	[Ntf2]	1-Ethyl-3-methylimidazolium bis(trifluoromethylsulfonyl)amide	283.2 - 351.67	37.07 - 33.20	-0.054	8	DNR	19
313	[C4C1im]	[Ntf2]	1-Butyl-3-methylimidazolium bis(trifluoromethylsulfonyl)amide	284.15 - 351.56	33.46 - 30.53	-0.0428	15	WP	19
314	[C4C1im]	[Ntf2]	1-Butyl-3-methylimidazolium bis(trifluoromethylsulfonyl)amide	284.19 - 348.05	33.48 - 30.41	-0.0493	4	DNR	19
315	[C6C1im]	[Ntf2]	1-Hexyl-3-methylimidazolium bis(trifluoromethylsulfonyl)amide	283.17 - 351.11	32.34 - 28.91	-0.0512	15	WP	19
316	[C2C1im]	[PF3(C2F5)3]	1-Ethyl-3-methylimidazolium tris(pentafluoroethyl)trifluorophosphate	283.15 - 338.15	35.3 - 33.4	-0.0334	12	BP	89
317	[C4C1C1im]	[Ntf2]	1-Butyl-2,3-dimethylimidazolium bis(trifluoromethylsulfonyl)amide	293.15 - 343.15	37.40 - 28.74	-0.1717	6	DNR	97
318	[C2C2im]	[Ntf2]	1,3-Diethylimidazolium bis(trifluoromethylsulfonyl)amide	293.15 - 343.16	35.76 - 33.70	-0.041	6	DNR	97
319	[C3-3-mpy]	[Ntf2]	N-Propyl-3-methylpyridinium bis(trifluoromethylsulfonyl)amide	293.15 - 343.17	36 - 33.55	-0.0493	6	DNR	97
320	[C1C3pyrr]	[Ntf2]	N-Propyl-N-methylpyrrolidinium bis(trifluoromethylsulfonyl)amide	293.15 - 343.18	32.54 - 29.97	-0.0508	6	DNR	97
321	[C1C4pyrr]	[Ntf2]	N-Butyl-N-methylpyrrolidinium bis(trifluoromethylsulfonyl)amide	293.15 - 343.19	34.93 - 31.96	-0.0587	6	DNR	97
322	[P66614]	[Ntf2]	Trihexyl-tetradecylphosphonium bis(trifluoromethanesulfonyl)amide	293.15 - 343.20	30.75 - 27.59	-0.0645	6	DNR	97
323	[C2-3-mpy]	[C2SO4]	N-Ethyl-3-methylpyridinium ethylsulfate	298 - 398	46.36 - 38.56	-0.078	9	PD	34
324	[C2C1im]	[C2SO4]	1-Ethyl-3-methylimidazolium ethylsulfate	298 - 453	47.96 - 35.25	-0.082	11	PD	34
325	[C4C1im]	[BF4]	1-Butyl-3-methylimidazolium tetrafluoroborate	298 - 453	46.00 - 37.64	-0.054	10	PD	34
326	[C2C1im]	[Ntf2]	1-Ethyl-3-methylimidazolium bis(trifluoromethylsulfonyl)amide	313 - 532.2	35.2 - 23.7	-0.05139	20	PD	32
327	[C3C1im]	[Ntf2]	1-Propyl-3-methylimidazolium bis(trifluoromethylsulfonyl)amide	312.9 - 475.7	32.5 - 24.6	-0.04507	15	PD	32
328	[C4C1im]	[Ntf2]	1-Butyl-3-methylimidazolium bis(trifluoromethylsulfonyl)amide	312.6 - 475.2	31.9 - 24.6	-0.04784	27	PD	32
329	[C5C1im]	[Ntf2]	1-Pentyl-3-methylimidazolium bis(trifluoromethylsulfonyl)amide	312.7 - 512.9	29.5 - 20.1	-0.04875	20	PD	32
330	[C6C1im]	[Ntf2]	1-Hexyl-3-methylimidazolium bis(trifluoromethylsulfonyl)amide	313 - 532.4	29.4 - 18.5	-0.04817	12	PD	32
331	[C8C1im]	[Ntf2]	1-Octyl-3-methylimidazolium bis(trifluoromethylsulfonyl)amide	313 - 512.6	29.2 - 19.2	-0.05033	20	PD	32
332	[C10C1im]	[Ntf2]	1-Dodecyl-3-methylimidazolium bis(trifluoromethylsulfonyl)amide	313.2 - 533.2	28.7 - 16.9	-0.05189	31	PD	32
333	[C12C1im]	[Ntf2]	1-Dodecyl-3-methylimidazolium bis(trifluoromethylsulfonyl)amide	333.3 - 532.6	26.4 - 16.9	-0.04803	11	PD	32
334	[C14C1im]	[Ntf2]	1-Tetradecyl-3-methylimidazolium bis(trifluoromethylsulfonyl)amide	312.8 - 512.9	26.3 - 15.5	-0.05292	20	PD	32
335	[C4C1im]	[Glu]	1-Butyl-3-methylimidazolium glutamate	308.15 - 343.15	49.3 - 37.1	-0.3629	8	BP	90
336	[C2py]	[ReO4]	N-Ethylpyridinium rheniumate	293.15 - 343.15	48.6 - 45	-0.0744	11	BP	91
337	[C3C1im]	[Glu]	1-Propyl-3-methylimidazolium glutamate	298.15 - 338.15	60.8 - 48.7	-0.303	6	BP	92
338	[C2C1im]	[B(CN)4]	1-Ethyl-3-methylimidazolium bis(triacyanoborate)	283.15 - 338.15	49.4 - 44.8	-0.08147	12	BP	71
339	[C5C1im]	[Gly]	1-Pentyl-3-methylimidazolium glycinate	293.15 - 343.15	41.8 - 38.8	-0.06273	11	BP	64
340	[C6C1im]	[Gly]	1-Hexyl-3-methylimidazolium glycinate	293.15 - 343.15	41.3 - 37.9	-0.06655	11	BP	64
341	[C4C1im]	[ClO4]	1-Butyl-3-methylimidazolium perchlorate	293.15 - 333.15	43.9 - 42.5	-0.03	7	BP	93
342	[C2py]	[Ntf2]	N-Ethylpyridinium bis(trifluoromethylsulfonyl)amide	288.15 - 338.15	37.7 - 35.6	-0.0416	11	BP	94
343	[C4py]	[Ntf2]	N-Butylpyridinium bis(trifluoromethylsulfonyl)amide	298.15 - 338.15	33.4 - 31.5	-0.0477	9	BP	94
344	[C5py]	[Ntf2]	N-Pentylpyridinium bis(trifluoromethylsulfonyl)amide	283.15 - 338.15	33.1 - 30.5	-0.0462	12	BP	94
345	[N2OH000]	[C4COO]	2-Hydroxyethylammonium pentanoate	288.15 - 323.15	34.84 - 33.14	-0.0475	8	WP	95
346	[N2OH2OH00]	[C4COO]	Di(2-Hydroxyethyl)ammonium pentanoate	288.15 - 323.15	34.57 - 32.92	-0.0449	8	WP	95
347	[N2OH2OH2OH0]	[C4COO]	Tri(2-Hydroxyethyl)ammonium pentanoate	288.15 - 323.15	33.82 - 32.01	-0.0516	8	WP	95
348	[C2C1im]	[BF4]	1-Ethyl-3-methylimidazolium tetrafluoroborate	283.15 - 363.15	48.28 - 46.41	-0.0252	9	DNR	96
349	[C4C1im]	[Otf]	1-Butyl-3-methylimidazolium trifluoromethylsulfonate	283.15 - 363.15	23.40 - 19.15	-0.0543	9	DNR	96
350	[C1C4pyrr]	[Ntf2]	N-Butyl-N-methylpyrrolidinium bis(trifluoromethylsulfonyl)amide	283.15 - 363.15	34.52 - 33.04	-0.0177	9	DNR	96
351	[g <sub>4</sub> c <sub>40</sub> c <sub>20</sub> c <sub>20</sub> c <sub>20</sub> 1]	[Ntf2]	1,2,3,4-Tetraallyl-5,6-dimethylguanidinium bis(trifluoromethylsulfonyl)amide	298.15	37.5	-	1	PD	31
352	[g <sub>4</sub> c <sub>20</sub> c <sub>20</sub> c <sub>20</sub> 11]	[Ntf2]	1,3-Di-allyl-2,4-diethyl-5,6-dimethylguanidinium bis(trifluoromethylsulfonyl)amide	298.15	36.4	-	1	PD	31
353	[g <sub>4</sub> c <sub>20</sub> c <sub>20</sub> c <sub>20</sub> c <sub>20</sub> 11]	[C7H15COO]	1,2,3,4-Tetraallyl-5,6-dimethylguanidinium perfluorooctanoate	298.15	25.3	-	1	PD	31
354	[g <sub>4</sub> c <sub>44</sub> 11]	[Ntf2]	1,2,3,4-Tetrahexyl-5,6-dimethylguanidinium bis(trifluoromethylsulfonyl)amide	298.15	32.8	-	1	PD	31
355	[C1C1im]	[Ntf2]	1,3-Dimethylimidazolium bis(trifluoromethylsulfonyl)amide	293.15 - 298.15	36.9 - 36.3	-	2	PD	49
356	[C4C1im]	[Ntf2]	1-Butyl-3-methylimidazolium bis(trifluoromethylsulfonyl)amide	293.15 - 298.15	31.1 - 30.7	-	2	PD	49
357	[C6C1im]	[Ntf2]	1-Hexyl-3-methylimidazolium bis(trifluoromethylsulfonyl)amide	293.15 - 298.15	30.7 - 30.2	-	2	PD	49
358	[C8C1im]	[Ntf2]	1-Octyl-3-methylimidazolium bis(trifluoromethylsulfonyl)amide	293.15 - 298.15	29.9 - 29.5	-	2	PD	49
359	[C10C1im]	[Ntf2]	1-Decyl-3-methylimidazolium bis(trifluoromethylsulfonyl)amide	293.15 - 298.15	29.9 - 29.5	-	2	PD	49
360	[C12C1im]	[Ntf2]	1-Dodecyl-3-methylimidazolium bis(trifluoromethylsulfonyl)amide	293.15 - 298.15	30.2 - 29.8	-	2	PD	49
361	[C1C4pyrr]	[Ntf2]	N-Butyl-N-methylpyrrolidinium bis(trifluoromethylsulfonyl)amide	293.15 - 298.15	32.7 - 32.3	-	2	PD	49
362	[(COC) <sub>2</sub> C <sub>2</sub> C <sub>2</sub> im]	[Ntf2]	1-[2-(2-Methoxyethoxy)ethyl]-3-methylimidazolium bis(trifluoromethylsulfonyl)amide	293.15 - 298.15	37 - 36.5	-	2	PD	49
363	[C2C1im]	[BF4]	1-Ethyl-3-methylimidazolium tetrafluoroborate	293.15 - 298.15	54.6 - 53.9	-	2	PD	49
364	[C8C1im]	Br	1-Octyl-3-methylimidazolium bromide	293.15 - 298.15	32 - 31.6	-	2	PD	49
365	[C8C1im]	I	1-Octyl-3-methylimidazolium iodide	293.15 - 298.15	33.1 - 32.7	-	2	PD	49
366	[C8C1im]	[NO3]	1-Octyl-3-methylimidazolium nitrate	293.15 - 298.15	33.7 - 33.3	-	2	PD	49
367	[C8C1im]	[BF4]	1-Octyl-3-methylimidazolium tetrafluoroborate	293.15 - 298.15	31.2 - 30.8	-	2	PD	49
368	[C8C1im]	[PF6]	1-Octyl-3-methylimidazolium hexafluorophosphate	293.15 - 298.15	32.9 - 32.5	-	2	PD	49
369	[C8C1im]	[B(CN)4]	1-Octyl-3-methylimidazolium tetracyanoborate	293.15 - 298.15	39.2 - 38.6	-	2	PD	49
370	[C8C1im]	[C1SO4]	1-Octyl-3-methylimidazolium methylsulfate	293.15 - 298.15	30.4 - 30.1	-	2	PD	49
371	[C8C1im]	[N(C2F5SO2)2]	1-Octyl-3-methylimidazolium bis(pentafluoroethylsulfonyl)amide	293.15 - 298.15	28 - 27.7	-	2	PD	49
372	[C8C1im]	[PF3(C2F5)3]	1-Octyl-3-methylimidazolium tris(pentafluoroethyl)trifluorophosphate	293.15 - 298.15	30.7 - 30.3	-	2	PD	49
373	[C8C1im]	[Otf]	1-Octyl-3-methylimidazolium trifluoromethylsulfonate	298.15	28.5	-	1	PD	49
374	[C8C1im]	Cl	1-Octyl-3-methylimidazolium Chloride	298.15	30.9	-	1	PD	49