

离子液体目录（简明缩减）

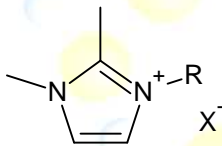
(R=C_nH_{2n+1}, n=0,1,2,3.....14)X=Cl、Br、I、BF₄、PF₆、ClO₄、H₂PO₄、TSClO₄、Lac、OAc、DCA、HSO₄、NO₃、HSO₄、TFMS、NTF₂、TSA、FSI)此处仅为举例，完整目录请登录 <http://www.kenengcailiao.com/> 下载，或垂电 0372-6123999

（销售）/585（技术）咨询，林州科能材料竭诚为您提供最优质离子液体服务。

一取代咪唑类离子液体			
			
产品名称	英文名称	CAS No.	产品简写
氯化 1-甲基咪唑	1-Methylimidazolium Chloride	N/A	[MIM]Cl
1-甲基咪唑四氟硼酸盐	1-Methylimidazolium Tetrafluoroborate	N/A	[MIM]BF ₄
1-甲基咪唑磷酸二氢盐	1-Methylimidazolium Dihydrogen phosphate	N/A	[MIM]H ₂ PO ₄
1-甲基咪唑六氟磷酸盐	1-Methylimidazolium Hexafluorophosphate	N/A	[MIM]PF ₆
1-甲基咪唑 L-乳酸盐	1-Methylimidazolium L-lactate	N/A	[MIM]Lac
1-甲基咪唑高氯酸盐	1-Methylimidazolium Perchlorate	N/A	[MIM]ClO ₄
1-甲基咪唑双氰胺盐	1-Methylimidazolium Dicyanamide	N/A	[MIM]DCA
1-甲基咪唑硫酸氢盐	1-Methylimidazolium Hydrogensulfate	N/A	[MIM]HSO ₄
1-甲基咪唑对甲苯磺酸盐	1-Methylimidazolium p-Toluene sulfonate	N/A	[MIM]TS
1-甲基咪唑三氟乙酸盐	1-Methylimidazolium	N/A	[MIM]TFAc

	Trifluoroacetate		
1-甲基咪唑三氟甲磺酸盐	1-Methylimidazolium Trifluoromethanesulfonate	N/A	[MIM]OTF
1-甲基咪唑双氟磺酰亚胺盐	1-Methylimidazolium Bis(fluorosulfonyl)imide	N/A	[MIM]TFS
1-甲基咪唑双三氟甲磺酰亚胺盐	1-Methylimidazolium Bis(trifluoromethylsulfonyl)imide	N/A	[MIM]NTF2
1-甲基咪唑硝酸盐	1-Methylimidazolium Nitrate	N/A	[MIM]NO ₃
1-乙基咪唑氯盐	1-Ethylimidazolium Chloride	N/A	[EIM]Cl
1-丙基咪唑氯盐	1-Propylimidazolium Chloride	N/A	[C3IM]Cl
1-丁基咪唑氯盐	1-Butylimidazolium Chloride	N/A	[BIM]Cl
1-己基咪唑氯盐	1-Hexylimidazolium Chloride	N/A	[HIM]Cl
1-辛基咪唑氯盐	1-Octylimidazolium Chloride	N/A	[OIM]Cl
1-癸基咪唑氯盐	1-Decylimidazolium Chloride	N/A	[DIM]Cl
二取代咪唑类离子液体			
			
溴化 1-乙基-3-甲基咪唑	1-Ethyl-3-methylimidazolium Chloride	65039-08-9	[EMIM]Br
碘化 1-乙基-3-甲基咪唑	1-Ethyl-3-methylimidazolium Iodide		[EMIM]I
1-乙基-3-甲基咪唑四氟硼酸盐	1-Ethyl-3-methylimidazolium Tetrafluoroborate	143314-16-3	[EMIM]BF ₄
1-乙基-3-甲基咪唑六氟磷酸盐	1-Ethyl-3-methylimidazolium Hexafluorophosphate	155371-19-0	[EMIM]PF ₆
1-乙基-3-甲基咪唑高氯酸盐	1-Ethyl-3-methylimidazolium	65039-04-5	[EMIM]ClO ₄

	Perchlorate		
1-乙基-3-甲基咪唑二氰胺盐	1-Ethyl-3-methylimidazolium Dicyanamide		[EMIM]DCA
1-乙基-3-甲基咪唑硫酸氢盐	1-Ethyl-3-methylimidazolium Hydrogensulfate	64282-83-8	[EMIM]HSO4
1-乙基-3-甲基咪唑硫氰酸盐	1-Ethyl-3-methylimidazolium Thiocyanate	331717-63-6	[EMIM]SCN
1-乙基-3-甲基咪唑醋酸盐	1-Ethyl-3-methylimidazolium Acetate	143314-17-4	[EMIM]OAc
1-乙基-3-甲基咪唑硫酸甲酯盐	1-Ethyl-3-methylimidazolium Methylsulfate	516474-01-4	[EMIM]MS
1-乙基-3-甲基咪唑硫酸乙酯盐	1-Ethyl-3-methylimidazolium Ethylsulfate	342573-75-5	[EMIM]ES
1-乙基-3-甲基咪唑磷酸二甲酯盐	1-Ethyl-3-methylimidazolium Dihydrogen phosphate	1283730-64-2	[EMIM]H2PO4
1-乙基-3-甲基咪唑三氟乙酸盐	1-Ethyl-3-methylimidazolium Trifluoroacetate	174899-65-1	[EMIM]TFA
1-乙基-3-甲基咪唑 L-乳酸盐	1-Ethyl-3-methylimidazolium Lactate	N/A	[EMIM]Lac
1-乙基-3-甲基咪唑硝酸盐	1-Ethyl-3-methylimidazolium Nitrate	143314-14-1	[EMIM]NO3
1-乙基-3-甲基咪唑双三氟甲磺酰 亚胺盐	1-Ethyl-3-methylimidazolium Bis(trifluoromethylsulfonyl)im ide	174899-82-2	[EMIM]NTF ₂
1-乙基-3-甲基咪唑对甲苯磺酸盐	1-Ethyl-3-methylimidazolium p-Toluene sulfonate	328090-25-1	[EMIM]TS
1-丁基-3-甲基咪唑氯铝酸盐	1-Butyl-3-methylimidazolium Tetrachloroaluminate	N/A	[BMIM]AlCl ₄
溴化 1-丙基-3-甲基咪唑	1-Propyl-3-methylimidazoliu	85100-76-1	[PMIM]Br

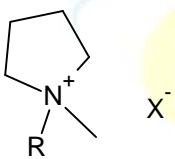
	m Bromide		
溴化 1-丁基-3-甲基咪唑	1-Butyl-3-methylimidazolium bromide	85100-77-2	[BMIM]Br
溴化 1-戊基-3-甲基咪唑	1-Pentyl-3-Methylimidazoliu m Bromide		[C5MIM]Br
溴化 1-己基-3-甲基咪唑	1-Hexyl-3-methylimidazoliu m Bromide	85100-78-3	[HMIM]Br
溴化 1-庚基-3-甲基咪唑	1-Heptyl-3-methylimidazoliu m Bromide		[C7MIM]Br
溴化 1-辛基-3-甲基咪唑	1-Octyl-3-methylimidazolium Bromide	61545-99-1	[OMIM]Br
溴化 1-壬基-3-甲基咪唑	1-Nonyl-3-methylimidazoliu m Bromide	N/A	[C9MIM]Br
溴化 1-癸基-3-甲基咪唑	1-Decyl-3-methylimidazoliu m Bromide	188589-32-4	[C10MIM]Br
溴化 1-十二烷基-3-甲基咪唑	1-Dodecyl-3-methylimidazoli um Bromide	188589-32-4	[C12MIM]Br
溴化 1-十四烷基-3-甲基咪唑	1-Tetradecyl-3-methylimidaz olium Bromide	471907-87-6	[C14MIM]Br
溴化 1-十六烷基-3-甲基咪唑	1-Hexadecyl-3-methylimidaz olium Bromide	132361-22-9	[C16MIM]Br
三取代咪唑类离子液体			
			
1,2,3-三甲基咪唑碘盐	1,2,3-Trimethyl Iodide	N/A	[TMIM]I
1,2,3-三甲基咪唑四氟硼酸盐	1,2,3-Trimethyl Tetrafluoroborate	N/A	[TMIM]BF ₄
1,2,3-三甲基咪唑六氟磷酸盐	1,2,3-Trimethyl	N/A	[TMIM]PF ₆

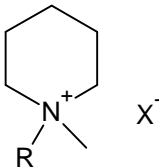
	Hexafluorophosphate		
1-乙基-2,3-二甲基咪唑溴盐	1-Ethyl-2,3-methylimidazolium Bromide	92507-97-6	[EDMIM]Br
1-乙基-2,3-二甲基咪唑四氟硼酸盐	1-Ethyl-2,3-methylimidazolium Tetrafluoroborate	307492-75-7	[EDMIM]BF ₄
1-乙基-2,3-二甲基咪唑六氟磷酸盐	1-Ethyl-2,3-methylimidazolium Hexafluorophosphate	292140-86-4	[EDMIM]PF ₆
1-乙基-2,3-二甲基咪唑硝酸盐	1-Ethyl-2,3-methylimidazolium Nitrate	N/A	[EDMIM]NO ₃
1-乙基-2,3-二甲基咪唑高氯酸盐	1-Ethyl-2,3-methylimidazolium Perchlorate	N/A	[EDMIM]ClO ₄
1-乙基-2,3-二甲基咪唑三氟甲磺酸盐	1-Ethyl-2,3-methylimidazolium Trifluoromethanesulfonate	174899-72-0	[EDMIM]TFMS
1-乙基-2,3-二甲基咪唑对甲苯磺酸盐	1-Ethyl-2,3-methylimidazolium p-Toluene sulfonate	N/A	[EDMIM]TS
1-丁基-2,3-二甲基咪唑溴盐	1-Butyl-2,3-methylimidazolium Bromide	475575-45-2	[BDMIM]Br
1-己基-2,3-二甲基咪唑溴盐	1-Hexyl-2,3-methylimidazolium Bromide	411222-01-0	[HDMIM]Br
1-辛基-2,3-二甲基咪唑溴盐	1-Octyl-2,3-methylimidazolium Bromide	61546-09-6	[ODMIM]Br
<p>一取代吡啶型离子液体</p> 			
产品名称	英文名称	CAS No.	产品简写
N-乙基吡啶溴盐	N-Ethylpyridinium Bromide	1906-79-2	[EPY]Br
N-乙基吡啶四氟硼酸盐	N-Ethylpyridinium Tetrafluoroborate	N/A	[EPY]BF ₄

N-乙基吡啶六氟磷酸盐	N-Ethylpyridinium Hexafluorophosphate	155371-19-0	[EPY]PF ₆
N-乙基吡啶对甲基苯磺酸盐	N-Ethylpyridinium p-Toluene Sulfonate	N/A	[EPY]TS
N-乙基吡啶双三氟甲磺酰亚胺盐	N-Ethylpyridinium Bis(trifluoromethylsulfonyl)imide	187863-42-9	[EPY]NTF ₂
氯化 N-丁基吡啶	N-Butylpyridinium Chloride	1124-64-7	[BPY]Cl
溴化 N-丁基吡啶	N-Butylpyridinium Bromide	874-80-6	[BPY]Br
溴化 N-己基吡啶	N-Hexylpyridinium Bromide	N/A	[HPY]Br
溴化 N-辛基吡啶	N-Octylpyridinium Bromide	244193-52-0	[OPY]Br
溴化 N-癸基吡啶	N-Decylpyridinium Bromide	N/A	[C10PY]Br
二取代吡啶类离子液体			
			
产品名称	英文名称	CAS No.	产品简写
N-乙基-3-甲基吡啶溴盐	N-Ethyl-3-methylpyridinium Bromide	N/A	[EMPy]Br
N-乙基-3-甲基吡啶碘盐	N-Ethyl-3-methylpyridinium Iodide	N/A	[EMPy]I
N-乙基-3-甲基吡啶四氟硼酸盐	N-Ethyl-3-methylpyridinium Tetrafluoroborate	N/A	[EMPy]BF ₄
N-乙基-3-甲基吡啶六氟磷酸盐	N-Ethyl-3-methylpyridinium Hexafluorophosphate	N/A	[EMPy]PF ₆
N-乙基-3-甲基吡啶对甲基苯磺酸盐	N-Ethyl-3-methylpyridinium p-Toluene sulfonate	N/A	[EMPy]TS
N-乙基-3-甲基吡啶硫氰酸盐	N-Ethyl-3-methylpyridinium Thiocyanate	N/A	[EMPy]SCN

N-乙基-3-甲基吡啶硫酸氢盐	N-Ethyl-3-methylpyridinium Hydrogensulfate	N/A	[EMPy]HSO ₄
N-丁基-3-甲基吡啶溴盐	N-Butylpyridinium Bromide	26576-85-2	[BMPy]Br
N-己基-3-甲基吡啶溴盐	N-Hexylpyridinium Bromide	916730-40-0	[HMPy]Br
N-辛基-3-甲基吡啶溴盐	N-Octylpyridinium Bromide	67021-56-1	[OMPy]Br
季磷盐类离子液体 			
产品名称	英文名称	CAS No.	产品简写
乙基三苯基溴化磷	Ethyltriphenylphosphonium Bromide	1530-32-1	[ETPP]Br
乙基三苯基磷四氟硼酸盐	Ethyltriphenylphosphonium Tetrafluoroborate	2994-53-8	[ETPP]BF ₄
乙基三苯基磷六氟磷酸盐	Ethyltriphenylphosphonium hexafluorophosphate	88021-14-4	[ETPP]PF ₆
乙基三苯基磷高氯酸盐	Ethyltriphenylphosphonium Perchlorate	N/A	[ETPP]ClO ₄
乙基三苯基磷对甲苯磺酸盐	Ethyltriphenylphosphonium p-Toluene sulfonate	N/A	[ETPP]TS
乙基三苯基磷三氟甲磺酸盐	Ethyltriphenylphosphonium Trifluoromethanesulfonate	N/A	[ETPP]TFMS
乙基三苯基磷双三氟甲磺酰亚胺盐	Ethyltriphenylphosphonium Bis(trifluoromethylsulfonyl)imide	874989-77-2	[ETPP]NTF ₂
三丁基乙基溴化磷	Ethyltributylphosphonium Bromide	7392-50-9	P _{2,4,4,4} Br
四丁基溴化磷	Tetrabutylphosphonium Bromide	311568-2	P _{4,4,4,4} Br

三丁基己基溴化磷	Tributylhexylphosphonium Bromide	105890-71-9	P4,4,4,6Br
三丁基辛基溴化磷	Tributyloctylphosphonium Bromide	N/A	P4,4,4,8Br
季铵盐类离子液体 			
产品名称	英文名称	CAS No.	产品简写
四丁基氢氧化铵	Tetrabutylammonium Hydroxide	2052-49-5	N4,4,4,4OH
四丁基氯化铵	Tetrabutylammonium Chloride	1112-67-0	N4,4,4,4Cl
四丁基溴化铵	Tetrabutylammonium Bromide	1643-19-2	N4,4,4,4Br
四丁基碘化铵	Tetrabutylammonium Iodide	311-28-4	N4,4,4,4I
四丁基铵四氟硼酸盐	Tetrabutylammonium Tetrafluoroborate	429-42-5	N4,4,4,4BF ₄
四丁基铵六氟磷酸盐	Tetrabutylammonium Hexafluorophosphate	3109-63-5	N4,4,4,4PF ₆
四丁基铵硝酸盐	Tetrabutylammonium Nitrate	1941-27-1	N4,4,4,4NO ₃
四丁基铵硫酸氢盐	Tetrabutylammonium Hydrogensulfate	32503-27-8	N4,4,4,4HSO ₄
四丁基铵磷酸二氢盐	Tetrabutylammonium Dihydrogen phosphate	5574-97-0	N4,4,4,4H ₂ PO ₄
四丁基铵对甲苯磺酸盐	Tetrabutylammonium p-Toluene sulfonate	7182-86-7	N4,4,4,4TS
四丁基铵三氟乙酸盐	Tetrabutylammonium	N/A	N4,4,4,4TFA

	Trifluoroacetate		
四丁基铵三氟甲磺酸盐	Tetrabutylammonium Trifluoromethanesulfonate	35895-70-6	N4,4,4,4TFMS
四丁基铵双三氟甲磺酰亚胺盐	Tetrabutylammonium Bis(trifluoromethylsulfonyl)im ide	N/A	N4,4,4,4NTF ₂
四甲基氯化铵	Tetramethylammonium Chloride	75-57-0	N1,1,1,1Cl
四乙基氯化铵	Tetraethylammonium Chloride	56-34-8	N2,2,2,2Cl
四丙基氯化铵	Tetrapropylammonium Chloride	5810-42-4	N3,3,3,3Cl
三丁基甲基氯化铵	Methyltributylammonium Chloride	N/A	N4,4,4,1Cl
三辛基甲基氯化铵	Methyltrioctylammonium Chloride	N/A	N8,8,8,1Cl
三甲胺盐酸盐	Trimethylammonium Chloride	N/A	TMACl
二乙胺醋酸盐	Diethylammonium Acetate	N/A	DEAOAc
乙胺硝酸盐	Ethylammonium Nitrate	N/A	EANO ₃
乙胺醋酸盐	Ethylammonium Acetate	N/A	EAOAc
乙胺硫酸氢盐	Ethylammonium Hydrogensulfate	N/A	EAHSO ₄
吡咯烷类离子液体			
			
产品名称	英文名称	CAS No.	产品简写
N-乙基,甲基吡咯烷溴盐	N-Ethyl,methylpyrrolidinium	69227-51-6	[EMPyrr]Br

	Bromide		
N-乙基,甲基吡咯烷碘盐	N-Ethyl,methylpyrrolidinium Iodide	N/A	[EMPyrr]I
N-乙基,甲基吡咯烷四氟硼酸盐	N-Ethyl,methylpyrrolidinium Tetrafluoroborate	N/A	[EMPyrr]BF ₄
N-乙基,甲基吡咯烷六氟磷酸盐	N-Ethyl,methylpyrrolidinium Hexafluorophosphate	N/A	[EMPyrr]PF ₆
N-乙基,甲基吡咯烷高氯酸盐	N-Ethyl,methylpyrrolidinium Perchlorate	N/A	[EMPyrr]ClO ₄
N-乙基,甲基吡咯烷三氟甲磺酸盐	N-Ethyl,methylpyrrolidinium Trifluoromethanesulfonate	N/A	[EMPyrr]TFMS
N-乙基,甲基吡咯烷对甲基苯磺酸盐	N-Ethyl,methylpyrrolidinium p-Toluene sulfonate	N/A	[EMPyrr]TS
N-乙基,甲基吡咯烷硫氰酸盐	N-Ethyl,methylpyrrolidinium Thiocyanate	N/A	[EMPyrr]SCN
N-乙基,甲基吡咯烷硫酸氢盐	N-Ethyl,methylpyrrolidinium Hydrogensulfate	N/A	[EMPyrr]HSO ₄
N-丙基,甲基吡咯烷溴盐	N-Propyl,methylpyrrolidiniu m Bromide	N/A	[C3MPyrr]Br
N-丁基,甲基吡咯烷溴盐	N-Butyl,methylpyrrolidinium Bromide	93457-69-3	[BMPyrr]Br
N-己基,甲基吡咯烷溴盐	N-Hexyl,methylpyrrolidinium Bromide	N/A	[HMPyrr]Br
N-辛基,甲基吡咯烷溴盐	N-Octyl,methylpyrrolidinium Bromide	N/A	[OMPyrr]Br
哌啶类离子液体 			

N-乙基, 甲基哌啶溴盐	N-Ethyl, methylpiperidinium Bromide	94280-72-5	PP1,2Br
N-乙基, 甲基哌啶碘盐	N-Ethyl, methylpiperidinium Iodide	N/A	PP1,2I
N-乙基, 甲基哌啶四氟硼酸盐	N-Ethyl, methylpiperidinium Tetrafluoroborate	N/A	PP1,2BF4
N-乙基, 甲基哌啶六氟磷酸盐	N-Ethyl, methylpiperidinium Hexafluorophosphate	N/A	PP1,2PF6
N-乙基, 甲基哌啶硝酸盐	N-Ethyl, methylpiperidinium Nitrate	N/A	PP1,2NO3
N-乙基, 甲基哌啶高氯酸盐	N-Ethyl, methylpiperidinium Perchlorate	N/A	PP1,2ClO4
N-乙基, 甲基哌啶三氟甲磺酸盐	N-Ethyl, methylpiperidinium Trifluoromethanesulfonate	N/A	PP1,2TFMS
N-乙基, 甲基哌啶对甲基苯磺酸盐	N-Ethyl, methylpiperidinium p-Toluene sulfonate	N/A	PP1,2TS
N-乙基, 甲基哌啶硫氰酸盐	N-Ethyl, methylpiperidinium Thiocyanate	N/A	PP1,2SCN
N-乙基, 甲基哌啶硫酸氢盐	N-Ethyl, methylpiperidinium Hydrogensulfate	N/A	PP1,2HSO4
N-丙基, 甲基哌啶氯盐	N-Propyl, methylpiperidinium Chloride	N/A	PP1,3Cl
N-丁基, 甲基哌啶氯盐	N-Butyl, methylpiperidinium Chloride	N/A	PP1,4Cl
N-己基, 甲基哌啶氯盐	N-Hexyl, methylpiperidinium Chloride	N/A	PP1,6Cl
N-辛基, 甲基哌啶氯盐	N-Octyl, methylpiperidinium Chloride	N/A	PP1,8Cl
带苯基的离子液体			

			
1-苄基-3-甲基咪唑氯盐	1-Benzyl-3-methylimidazolium Chloride	36443-80-8	[BzMIM]Cl
1-苄基-3-甲基咪唑溴盐	1-Benzyl-3-methylimidazolium Bromide	65039-11-4	[BzMIM]Br
1-苄基-3-甲基咪唑四氟硼酸盐	1-Benzyl-3-methylimidazolium Tetrafluoroborate	500996-04-3	[BzMIM]BF ₄
1-苄基-3-甲基咪唑磷酸二氢盐	1-Benzyl-3-methylimidazolium Dihydrogen phosphate	N/A	[BzMIM]H ₂ PO ₄
1-苄基-3-甲基咪唑六氟磷酸盐	1-Benzyl-3-methylimidazolium Hexafluorophosphate	433337-11-2	[BzMIM]PF ₆
1-苄基-3-甲基咪唑双三氟甲磺酰亚胺盐	1-Benzyl-3-methylimidazolium Bis(trifluoromethylsulfonyl)imide	433337-24-7	[BzMIM]NTF ₂
1-苄基-3-乙烯基咪唑溴盐	1-Benzyl-3-vinylimidazolium Bromide	N/A	[BzVIM]Br
1-苄基-2,3-二甲基咪唑溴盐	1-Benzyl-2,3-dimethylimidazolium Bromide	862999-80-2	[BzDMIM]Br
磺烷基类离子液体 			
1-磺丙基-3-甲基咪唑内盐	1-Propylsulfonic-3-methylimidazolium	N/A	SPMIM
1-磺丙基-3-甲基咪唑氯盐	1-Propylsulfonic-3-methylimidazolium Chloride	N/A	[SPMIM]Cl
1-磺丙基-3-甲基咪唑四氟硼酸盐	1-Propylsulfonic-3-methylimidazolium	N/A	[SPMIM]BF ₄

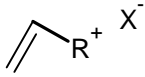
	dazolium Tetrafluoroborate		
1-磺丙基-3-甲基咪唑六氟磷酸盐	1-Propylsulfonic-3-methylimidazolium Hexafluorophosphate	N/A	[SPMIM]PF6
1-磺丙基-3-甲基咪唑磷酸二氢盐	1-Propylsulfonic-3-methylimidazolium Dihydrogen phosphate	N/A	[SPMIM]H2PO4
1-磺丙基-3-甲基咪唑硝酸盐	1-Propylsulfonic-3-methylimidazolium Nitrate	N/A	[SPMIM]NO3
1-磺丙基-3-甲基咪唑高氯酸盐	1-Propylsulfonic-3-methylimidazolium Perchlorate	N/A	[SPMIM]ClO4
1-磺丙基-3-甲基咪唑三氟甲磺酸盐	1-Propylsulfonic-3-methylimidazolium Trifluoromethanesulfonate	N/A	[SPMIM]TFMS
1-磺丙基-3-甲基咪唑对甲基苯磺酸盐	1-Propylsulfonic-3-methylimidazolium p-toluene Sulfonate	N/A	[SPMIM]TS
1-磺丙基-3-甲基咪唑醋酸盐	1-Propylsulfonic-3-methylimidazolium Acetate	N/A	[SPMIM]OAc
1-磺丙基-3-甲基咪唑硫酸氢盐	1-Propylsulfonic-3-methylimidazolium Hydrogensulfate	N/A	[SPMIM]HSO4
1-磺丙基-3-甲基咪唑甲磺酸盐	1-Propylsulfonic-3-methylimidazolium Methanesulfonate	N/A	[SPMIM]MS
1-磺丙基-3-甲基咪唑双三氟甲磺酰亚胺盐	1-Propylsulfonic-3-methylimidazolium Bis(trifluoromethylsulfonyl)imide	N/A	[SPMIM]NTF2
1-磺丁基-3-甲基咪唑内盐	1-Butylsulfonic-3-methylimidazolium	178963-07-1	SBMIM
1-磺丙基-2,3-二甲基咪唑内盐	1-Propylsulfonic-2,3-dimethylimidazolium	N/A	SPDMIM

	imidazolium		
1-磺丁基-2,3-二甲基咪唑内盐	1-Butylsulfonic-2,3-dimethylimidazolium	N/A	SBDMIM
N-磺丙基吡啶内盐	N-Propylsulfonicpyridium	N/A	SPPy
N-磺丁基吡啶内盐	N-Butylsulfonicpyridium	21876-43-7	SBPy
1-磺丙基-3-乙基咪唑内盐	1-Propylsulfonic-3-ethylimidazolium	N/A	SPVIM
1-磺丙基-3-乙基咪唑内盐	1-Propylsulfonic-3-ethylimidazolium	N/A	SPEIM
1-磺丙基-3-丁基咪唑内盐	1-Propylsulfonic-3-butylimidazolium	N/A	SPBIM
磺丙基三甲胺内盐	Propylsulfonictrimethylammonium	N/A	SPTMA
磺丙基三乙胺内盐	Propylsulfonictriethylammonium	N/A	SPTEA
磺丙基三丁基磷内盐	Propylsulfonictributylphosphonium	N/A	SPTBP
磺丁基三丁基磷内盐	Butylsulfonictributylphosphonium	N/A	SBTBP
磺丙基三苯基磷内盐	Propylsulfonictriphenylphosphonium	N/A	SPTPP
磺丁基三苯基磷内盐	Butylsulfonictriphenylphosphonium	N/A	SBTPP
羟基类离子液体			
$\text{HO}-\text{C}(\text{R}^+)-\text{CH}_2-\text{CH}_2-\text{X}^-$			
1-羟乙基-3-甲基咪唑氯盐	1-(2-Hydroxyethyl)-3-methylimidazolium Chloride	61755-34-8	[HOEMIM]Cl

1-羟乙基-3-甲基咪唑溴盐	1- (2-Hydroxyethyl) -3-methylimidazolium Bromide	N/A	[HOEMIM]Br
1-羟乙基-3-甲基咪唑四氟硼酸盐	1- (2-Hydroxyethyl) -3-methylimidazolium Tetrafluoroborate	374564-83-7	[HOEMIM]BF4
1-羟乙基-3-甲基咪唑六氟磷酸盐	1- (2-Hydroxyethyl) -3-methylimidazolium Hexafluorophosphate	N/A	[HOEMIM]PF6
1-羟乙基-3-甲基咪唑磷酸二氢盐	1- (2-Hydroxyethyl) -3-methylimidazolium Dihydrogen phosphate	N/A	[HOEMIM]H2PO 4
1-羟乙基-3-甲基咪唑三氟甲磺酸盐	1- (2-Hydroxyethyl) -3-methylimidazolium Trifluoromethanesulfonate	174899-86-6	[HOEMIM]TFMS
1-羟乙基-3-甲基咪唑硫酸氢盐	1- (2-Hydroxyethyl) -3-methylimidazolium Hydrogensulfate	N/A	[HOEMIM]HSO4
1-羟乙基-2,3-二甲基咪唑溴盐	1- (2-Hydroxyethyl) -2,3-dimethylimidazolium Bromide	N/A	[HOEDMIM]Br
1-羟丙基-3-甲基咪唑溴盐	1- (2-Hydroxypropyl) -3-methylimidazolium Bromide	N/A	[HOPMIM]Br
1-羟丙基-2,3-二甲基咪唑溴盐	1- (2-Hydroxypropyl) -2,3-dimethylimidazolium Bromide	N/A	[HOPDMIM]Br
1-羟丁基-3-甲基咪唑溴盐	1- (2-Hydroxybutyl) -3-methylimidazolium	N/A	[HOBMIM]Br

	Bromide		
1-羟丁基-2,3-二甲基咪唑溴盐	1- (2-Hydroxybutyl) -2,3-dimethylimidazolium Bromide	N/A	[HOBDMIM]Br
羧基类离子液体			
1-羧甲基-3-甲基咪唑氯盐	1-Carboxymethyl-3-methylimidazolium Chloride	700370-07-6	[HOOCMMIM]Cl
1-羧甲基-3-甲基咪唑溴盐	1-Carboxymethyl-3-methylimidazolium Bromide	N/A	[HOOCMMIM]Br
1-羧甲基-3-甲基咪唑碘盐	1-Carboxymethyl-3-methylimidazolium iodide	N/A	[HOOCMMIM]I
1-羧甲基-3-甲基咪唑硫酸甲酯盐	1-Carboxymethyl-3-methylimidazolium Methylsulphate	N/A	[HOOCMMIM]MS
1-羧甲基-3-甲基咪唑四氟硼酸盐	1-Carboxymethyl-3-methylimidazolium Tetrafluoroborate	N/A	[HOOCMMIM]BF ₄
1-羧甲基-3-甲基咪唑磷酸二甲酯盐	1-Carboxymethyl-3-methylimidazolium Dimethyl phosphate	N/A	[HOOCMMIM]DMP
1-羧甲基-3-甲基咪唑磷酸二氢盐	1-Carboxymethyl-3-methylimidazolium Dihydrogen phosphate	N/A	[HOOCMMIM]H ₂ PO ₄
1-羧甲基-3-甲基咪唑六氟磷酸盐	1-Carboxymethyl-3-methylimidazolium Hexafluorophosphate	N/A	[HOOCMMIM]PF ₆
1-羧甲基-3-甲基咪唑 L-乳酸盐	1-Carboxymethyl-3-methylimidazolium Lactate	N/A	[HOOCMMIM]Lac
1-羧甲基-3-甲基咪唑高氯酸盐	1-Carboxymethyl-3-methylimidazolium	N/A	[HOOCMMIM]Cl

	idazolium Perchlorate		O4
1-羧甲基-3-甲基咪唑亚磷酸二甲酯盐	1-Carboxymethyl-3-methylimidazolium Dimethyl phosphonate	N/A	[HOOCMMIM]DMP
1-羧甲基-3-甲基咪唑对甲苯磺酸盐	1-Carboxymethyl-3-methylimidazolium p-Toluene sulfonate	N/A	[HOOCMMIM]JTS
1-羧甲基-3-甲基咪唑硫氰酸盐	1-Carboxymethyl-3-methylimidazolium Thiocyanate	N/A	[HOOCMMIM]JSCN
1-羧甲基-3-甲基咪唑三氟乙酸盐	1-Carboxymethyl-3-methylimidazolium Trifluoroacetate	N/A	[HOOCMMIM]JTF A
1-羧甲基-3-甲基咪唑三氟甲磺酸盐	1-Carboxymethyl-3-methylimidazolium Trifluoromethanesulfonate	N/A	[HOOCMMIM]JTF MS
1-羧甲基-3-甲基咪唑双三氟甲磺酰亚胺盐	1-Carboxymethyl-3-methylimidazolium Bis(trifluoromethylsulfonyl)imide	671793-16-1	[HOOCMMIM]JN TF2
1-羧甲基-2,3-二甲基咪唑溴盐	1-Carboxymethyl-2,3-dimethylimidazolium Bromide	N/A	[HOOCMDMIM]Br
1-羧乙基-3-甲基咪唑溴盐	1-Carboxyethyl-3-methylimidazolium Bromide	N/A	[HOOCMIM]JBr
1-羧乙基-2,3-二甲基咪唑溴盐	1-Carboxyethyl-2,3-dimethylimidazolium Bromide	N/A	[HOOCEDMIM]JBr
1-羧丙基-3-甲基咪唑溴盐	1-Carboxypropyl-3-methylimidazolium Bromide	N/A	[HOOCPMIM]JBr
1-羧丙基-2,3-二甲基咪唑溴盐	1-Carboxypropyl-2,3-dimethylimidazolium Bromide	N/A	[HOOCMDMIM]JBr
烯基类离子液体			

			
1-乙烯基-3-甲基咪唑碘盐	1-Methyl-3- vinyl imidazolium Iodide	N/A	[VMIM]I
1-乙烯基-3-甲基咪唑四氟硼酸盐	1-Methyl-3- vinylimidazolium Tetrafluoroborate	N/A	[VMIM]BF ₄
1-乙烯基-3-甲基咪唑六氟磷酸盐	1-Methyl-3- vinyl imidazolium Hexafluorophosphate	N/A	[VMIM]PF ₆
1-乙烯基-3-甲基咪唑二氰胺盐	1-Methyl-3- vinyl imidazolium Dicyanamide	N/A	[VMIM]DCA
1-乙烯基-3-甲基咪唑双三氟甲磺 酰亚胺盐	1-Methyl-3- vinyl imidazolium Bis(trifluoromethylsulfonyl)im ide	N/A	[VMIM]NTF ₂
1-乙烯基-3-乙基咪唑碘盐	1-Ethyl-3- vinyl imidazolium Iodide	N/A	[VEIM]I
1-乙烯基-3-丁基咪唑溴盐	1-Butyl-3- vinyl imidazolium Bromide	815517-60-4	[VBIM]Br
1-乙烯基-3-己基咪唑溴盐	1-Hexyl-3- vinyl imidazolium Bromide	N/A	[VHIM]Br
1-乙烯基-3-辛基咪唑溴盐	1-Octyl-3- vinyl imidazolium Bromide	N/A	[VOIM]Br
1-烯丙基-3-甲基咪唑氯盐	1-Allyl-3-methylimidazolium Chloride	65039-10-3	[AMIM]Cl
1-烯丙基-3-甲基咪唑溴盐	1-Allyl-3-methylimidazolium Bromide	31410-07-8	[AMIM]Br
1-烯丙基-3-乙基咪唑氯盐	1-Allyl-3-vinylimidazolium	N/A	[VAIM]Cl

	Chloride		
1-烯丙基-3-乙基咪唑溴盐	1-Allyl-3-vinylimidazolium Bromide	N/A	[VAIM]Br