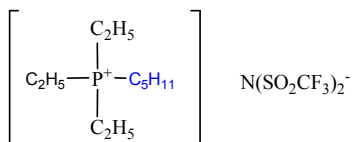


ROOM TEMPERATURE IONIC LIQUIDS

Ver. 1.0

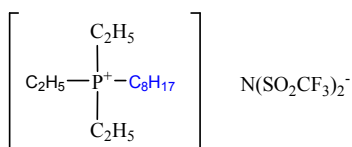
Quaternary Phosphonium Ionic Liquids

HISHICOLIN PX-25TFSI-IL
(P2225-TFSI)



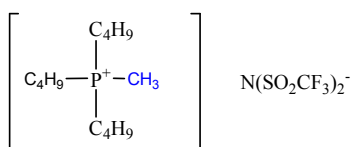
Chemical name : Triethyl pentyl phosphonium
bis(trifluoromethylsulfonyl)imide
F.W. : 469.44
Melting point : 17 °C
Density : 1.32 g cm⁻³ (25 °C)
Viscosity : 88 mPa s (25 °C)
Conductivity : 1.7 mS cm⁻¹ (25 °C)

HISHICOLIN PX-28TFSI-IL
(P2228-TFSI)



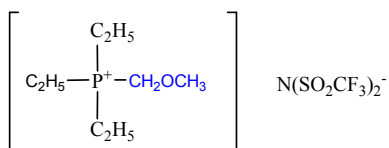
Chemical name : Triethyl octyl phosphonium
bis(trifluoromethylsulfonyl)imide
F.W. : 511.52
Melting point : < -50 °C
Density : 1.26 g cm⁻³ (25 °C)
Viscosity : 129 mPa s (25 °C)
Conductivity : 1.0 mS cm⁻¹ (25 °C)

HISHICOLIN PX-4MTFSI-IL
(P4441-TFSI)



Chemical name : Tri-n-butyl methyl phosphonium
bis(trifluoromethylsulfonyl)imide
F.W. : 497.50
Melting point : 16 °C
Density : 1.28 g cm⁻³ (25 °C)
Viscosity : 207 mPa s (25 °C)
Conductivity : 0.42 mS cm⁻¹ (25 °C)

HISHICOLIN PX-2MMTFSI-IL
(P222(101)-TFSI)



Chemical name : Triethyl(methoxymethyl) phosphonium
bis(trifluoromethylsulfonyl)imide
F.W. : 443.36
Melting point : 14 °C
Density : 1.42 g cm⁻³ (25 °C)
Viscosity : 35 mPa s (25 °C)
Conductivity : 4.4 mS cm⁻¹ (25 °C)

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