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Typical Product Specifications & Properties

1-benzyl-3-methylimidazolium tetrafluoroborate

CAS Number: : 500996-04-3

Specifications	Limits
Molecular weight	260.04
Molecular weight	241.29
EINECS	200-513-1
SMILES	<chem>c1(c(cccc1)C(=O)O)Nc1c(c(ccc1)C)C</chem>
InChI	1S/C15H15NO2/c1-10-6-5-9-13(11(10)2)16-14-8-4-3-7-12(14)15(17)18/h3-9,16H,1-2H3,(H,17,18)
InChIKey	HYVBABOKPJLUIN-UHFFFAOYSA-N
Merck	5798
Melting Point	230 °C
log P (octanol-water)	5.12
pKa Dissociation Constant	4.2
Water solubility	20 mg/L
Vapor Pressure	4.63E-07 mm Hg



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Specifications	Limits
Melting Point	230-231 ° C
Henry's Law Constant	2.57E-11 atm-m3/mole
Atmospheric OH Rate Constant	2.01E-10 cm3/molecule-sec
Water solubility	It is soluble in acetone, chloroform, dichloromethane, methanol. Insoluble in water.
Storage Temperature	Refrigerator



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