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Typical Product Specifications & Properties

4-Chloro-1-Nitro-2-(Trifluoromethyl)Benzene

CAS Number: : 118-83-2

Specifications	Limits
Molecular weight	225.55
EINECS	204-280-7
SMILES	<chem>c1cc(c(cc1Cl)C(F)(F)F)[N+](=O)[O-]</chem>
InChI	1S/C7H3ClF3NO2/c8-4-1-2-6(12(13)14)5(3-4)7(9,10)11/h1-3H
InChIKey	CFPIGEXZPWTNOR-UHFFFAOYSA-N
Atmospheric OH Rate Constant	2.59E-14 cm ³ /molecule-sec
Water solubility	100 mg/L
Henry's Law Constant	1.37E-04 atm-m ³ /mole
Vapor Pressure	0.022 mm Hg
log P (octanol-water)	3.2
Water solubility	168 mg/L (20 °C)
Density	1.526 g/mL at 25 °C



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Specifications	Limits
BRN Number	1973477
Melting Point	21 °C
Refractive Index	1.499
Boiling Point	222-224 °C
Flash Point	217 °F



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