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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 <sup>3</sup> /molecule-sec
Water solubility	100 mg/L
Henry's Law Constant	1.37E-04 atm-m <sup>3</sup> /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 &deg;C





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



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415 Huguenot Street, New Rochelle, New York 10801

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