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## Typical Product Specifications & Properties

# 2-(Trifluoromethyl)Benzimidazole

CAS Number: : 312-73-2

Specifications	Limits
Molecular weight	186.13
SMILES	<chem>c1(nc2ccccc2[nH]1)C(F)(F)F</chem>
InChI	1S/C8H5F3N2/c9-8(10,11)7-12-5-3-1-2-4-6(5)13-7/h1-4H,(H,12,13)
InChIKey	MXFMPTXDHSDMTI-UHFFFAOYSA-N
Melting Point	209.5 &deg; C
Water solubility	270 mg/L
Vapor Pressure	5.26E-05 mm Hg
log P (octanol-water)	2.67
Henry's Law Constant	3.19E-06 atm-m <sup>3</sup> /mole
Atmospheric OH Rate Constant	7.24E-12 cm <sup>3</sup> /molecule-sec
Water solubility	PRACTICALLY INSOLUBLE
Melting Point	208-211 &deg;C



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