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Typical Product Specifications & Properties

4-(Dimethylamino)benzonitrile

CAS Number: : 1197-19-9

Specifications	Limits
Molecular weight	146.19
EINECS	214-819-8
SMILES	CN(C)c1ccc(C#N)cc1
InChI	1S/C9H10N2/c1-11(2)9-5-3-8(7-10)4-6-9/h3-6H,1-2H3
InChIKey	JYMNQRQQBJIMCV-UHFFFAOYSA-N
Vapor Pressure	0.021 mm Hg
pKa Dissociation Constant	1.777
Water solubility	566 mg/L
Henry's Law Constant	8.28E-07 atm-m ³ /mole
Boiling Point	318 ° C
Melting Point	74 ° C
Atmospheric OH Rate Constant	6.78E-11 cm ³ /molecule-sec



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Specifications	Limits
log P (octanol-water)	2.2
Melting Point	72-75 °C
Boiling Point	318 °C
BRN Number	971606
Flash Point	317-319°C



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