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Typical Product Specifications & Properties

4-CHLORO-1,2-PHENYLENEDIAMINE

CAS Number: : 95-83-0

Specifications	Limits
Molecular weight	142.59
EINECS	202-456-8
SMILES	<chem>c1(c(ccc(c1)Cl)N)N</chem>
InChI	1S/C6H7ClN2/c7-4-1-2-5(8)6(9)3-4/h1-3H,8-9H2
InChIKey	BXIXXXYDDJVDL-UHFFFAOYSA-N
Boiling Point	229.3 ° C
pKa Dissociation Constant	3.83
log P (octanol-water)	1.28
Vapor Pressure	2.06E-03 mm Hg
Water solubility	6590 mg/L
Henry's Law Constant	4.99E-10 atm-m3/mole
Melting Point	76 ° C



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Specifications	Limits
Atmospheric OH Rate Constant	1.24E-10 cm ³ /molecule-sec
Water solubility	16 g/L (20 °C)
Melting Point	70-73 °C
Stability	Stable. Combustible. Incompatible with strong oxidizing agents.



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