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Typical Product Specifications & Properties

Benzidine dihydrochloride

CAS Number: : 531-85-1

Specifications	Limits
Molecular weight	257.16
EINECS	208-519-6
SMILES	<chem>c1(c2ccc(N)cc2)ccc(N)cc1.Cl.Cl</chem>
InChI	RUAXWVDEYJEWRY-UHFFFAOYSA-N
InChIKey	1S/C12H12N2.2ClH/c13-11-5-1-9(2-6-11)10-3-7-12(14)8-4-10;;/h1-8H,13-14H2;2*1H
log P (octanol-water)	1.920
Water solubility	3770 mg/L
Vapor Pressure	4.38E-06 mm Hg
pKa Dissociation Constant	4.95
Henry's Law Constant	5.17E-11 atm-m3/mole
Atmospheric OH Rate Constant	1.54E-10 cm3/molecule-sec
Water solubility	0.1-0.5 g/100 mL at 23.5 °C



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Specifications	Limits
Melting Point	=300 °C



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