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Typical Product Specifications & Properties

Chlordiazepoxide

CAS Number: : 58-25-3

Specifications	Limits
Molecular weight	299.76
EINECS	200-371-0
SMILES	<chem>CNC1=Nc2ccc(cc2C(=[N+](C1)[O-])c3ccccc3)Cl</chem>
InChI	1S/C16H14ClN3O/c1-18-15-10-20(21)16(11-5-3-2-4-6-11)13-9-12(17)7-8-14(13)19-15/h2-9H,10H2,1H3,(H,18,19)
InChIKey	ANTSCNMPPGJYLG-UHFFFAOYSA-N
Melting Point	236.2 ° C
log P (octanol-water)	2.44
Vapor Pressure	1.03E-11 mm Hg
Water solubility	2000 mg/L
Henry's Law Constant	4.24E-17 atm-m ³ /mole
pKa Dissociation Constant	4.8
Atmospheric OH Rate Constant	8.26E-11 cm ³ /molecule-sec



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Specifications	Limits
Storage Temperature	Controlled Substance, -20°C Freezer, Under Inert Atmosphere
Flash Point	9?
Melting Point	230-232°C



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