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## Typical Product Specifications & Properties

# Clozapine

CAS Number: : 5786-21-0

Specifications	Limits
Molecular weight	326.82
SMILES	<chem>CN1CCN(CC1)C2=Nc3cc(ccc3Nc4c2cccc4)Cl</chem>
InChI	1S/C18H19ClN4/c1-22-8-10-23(11-9-22)18-14-4-2-3-5-15(14)20-16-7-6-13(19)12-17(16)21-18/h2-7,12,20H,8-11H2,1H3
InChIKey	QZUDBNBUXVUHMW-UHFFFAOYSA-N
pKa Dissociation Constant	7.5
Atmospheric OH Rate Constant	3.76E-10 cm <sup>3</sup> /molecule-sec
Water solubility	11.8 mg/L
log P (octanol-water)	3.23
Vapor Pressure	9.48E-09 mm Hg
Henry's Law Constant	9.29E-15 atm-m <sup>3</sup> /mole
Melting Point	183-184 &deg; C



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