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Typical Product Specifications & Properties

Pyrimethamine

CAS Number: : 58-14-0

Specifications	Limits
Molecular weight	248.71
EINECS	200-364-2
SMILES	<chem>CCc1c(c(nc(n1)N)N)c2ccc(cc2)Cl</chem>
InChI	1S/C12H13ClN4/c1-2-9-10(11(14)17-12(15)16-9)7-3-5-8(13)6-4-7/h3-6H,2H2,1H3,(H4,14,15,16,17)
InChIKey	WKSAUQYGYAYLPV-UHFFFAOYSA-N
Vapor Pressure	6.23E-08 mm Hg
pKa Dissociation Constant	7.34
Henry's Law Constant	1.08E-10 atm-m ³ /mole
Atmospheric OH Rate Constant	2.01E-10 cm ³ /molecule-sec
log P (octanol-water)	2.69
Water solubility	121 mg/L
Melting Point	233.5 ° C



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Specifications	Limits
Water solubility	<0.01 g/100 mL at 21 °C
Melting Point	233-234°C
Storage Temperature	0-6°C
Stability	Stable, but light sensitive. Combustible. Incompatible with strong oxidizin



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