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Typical Product Specifications & Properties

Sulphadimethoxine

CAS Number: : 122-11-2

Specifications	Limits
Molecular weight	310.33
EINECS	204-523-7
SMILES	<chem>COc1cc(nc(n1)OC)NS(=O)(=O)c2ccc(cc2)N</chem>
InChI	ZZORFUFYDOWNEF-UHFFFAOYSA-N
InChIKey	1S/C12H14N4O4S/c1-19-11-7-10(14-12(15-11)20-2)16-21(17,18)9-5-3-8(13)4-6-9/h3-7H,13H2,1-2H3,(H,14,15,16)
Melting Point	203.5 ° C
Water solubility	343 mg/L
Henry's Law Constant	1.30E-14 atm-m ³ /mole
Vapor Pressure	1.59E-09 mm Hg
Atmospheric OH Rate Constant	2.02E-10 cm ³ /molecule-sec
log P (octanol-water)	1.63
Solubility	NH ₄ OH 1 M: 50 mg/mL, clear, faintly yellow



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Specifications	Limits
Melting Point	200 °C
Storage Temperature	2-8°C
Merck	8905



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