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Typical Product Specifications & Properties

Sulfamethizole

CAS Number: : 144-82-1

Specifications	Limits
Molecular weight	270.33
EINECS	205-641-1
SMILES	<chem>Cc1nnc(NS(=O)(=O)c2ccc(N)cc2)s1</chem>
InChI	VACCAVUAMIDAGB-UHFFFAOYSA-N
InChIKey	1S/C9H10N4O2S2/c1-6-11-12-9(16-6)13-17(14,15)8-4-2-7(10)3-5-8/h2-5H,10H2,1H3,(H,12,13)
Storage Temperature	2-8°C
Merck	8916
Melting Point	210 °C
Atmospheric OH Rate Constant	2.39E-11 cm ³ /molecule-sec
Water solubility	1050 mg/L
Vapor Pressure	2.06E-09 mm Hg
log P (octanol-water)	0.54



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Specifications	Limits
Henry's Law Constant	2.63E-14 atm-m ³ /mole
Melting Point	208 °C



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