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Typical Product Specifications & Properties

Mercaptoacetic acid

CAS Number: : 68-11-1

Specifications	Limits
Molecular weight	92.12
EINECS	200-677-4
SMILES	<chem>C(=O)(CS)O</chem>
InChI	1S/C2H4O2S/c3-2(4)1-5/h5H,1H2,(H,3,4)
InChIKey	CWERGRDVMFNCDR-UHFFFAOYSAN
Atmospheric OH Rate Constant	3.85E-11 cm ³ /molecule-sec
log P (octanol-water)	0.09
Water solubility	1.00E+06 mg/L
pKa Dissociation Constant	3.55
Henry's Law Constant	1.94E-08 atm-m ³ /mole
Boiling Point	96 °C5 mm Hg
BRN Number	506166



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Specifications	Limits
Density	1.326 g/mL at 20 °C
Vapor Pressure	0.4 mm Hg (25 °C)
Merck	14,9336
Flash Point	126 °C
Vapor Density	3.2
Melting Point	-16 °C
Sensitive	Air Sensitive
Water solubility	soluble
Refractive Index	1.505
Storage Temperature	2-8°C
Form	Liquid
Color	clear clear, colorless



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