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Typical Product Specifications & Properties

3-Sulfolene

CAS Number: : 77-79-2

Specifications	Limits
Molecular weight	118.15
EINECS	201-059-7
SMILES	<chem>C1C=CCS1(=O)=O</chem>
InChI	1S/C4H6O2S/c5-7(6)3-1-2-4-7/h1-2H,3-4H2
InChIKey	MBDNRNMTZADMQ-UHFFFAOYSA-N
Water solubility	2.47E+05 mg/L
Henry's Law Constant	4.30E-06 atm-m3/mole
Vapor Pressure	0.341 mm Hg
log P (octanol-water)	-0.450
Atmospheric OH Rate Constant	5.74E-11 cm3/molecule-sec
Melting Point	64.5 ° C
Merck	14,8956



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Specifications	Limits
Melting Point	65-66 °C
Water solubility	Soluble in water, ethanol, benzene, ether.
Density	1.3
Flash Point	>230 °F
Stability	Stable, but decomposes above the melting point. Combustible. Incompatible with strong oxidizing agents.
BRN Number	107004



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