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Typical Product Specifications & Properties

Dimethipin [2,3-Dihydro-5,6-dimethyl-1,4-dithiin-1,1,4,4-tetraoxide]

CAS Number: : 55290-64-7

Specifications	Limits
Molecular weight	210.27
EINECS	259-572-7
SMILES	<chem>S1(C=C(S(=O)(=O)CC1)C)C(=O)=O</chem>
InChI	PHVNLLCAQHGNKU-UHFFFAOYSA-N
InChIKey	1S/C6H10O4S2/c1-5-6(2)12(9,10)4-3-11(5,7)8/h3-4H2,1-2H3
Water solubility	4600 mg/L
Melting Point	165 ° C
Henry's Law Constant	2.30E-11 atm-m ³ /mole
log P (octanol-water)	-0.17
pKa Dissociation Constant	10.88
Vapor Pressure	3.83E-07 mm Hg
Atmospheric OH Rate Constant	1.28E-10 cm ³ /molecule-sec



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415 Huguenot Street, New Rochelle, New York 10801

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