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Typical Product Specifications & Properties

Thidiazuron

CAS Number: : 51707-55-2

Specifications	Limits
Molecular weight	220.25
EINECS	257-356-7
SMILES	<chem>O=C(Nc1ccccc1)Nc2cnns2</chem>
InChI	HFCYZXMHUIHAQI-UHFFFAOYSA-N
InChIKey	1S/C9H8N4OS/c14-9(12-8-6-10-13-15-8)11-7-4-2-1-3-5-7/h1-6H,(H2,11,12,14)
Vapor Pressure	2.30E-11 mm Hg
Henry's Law Constant	3.33E-13 atm-m ³ /mole
pKa Dissociation Constant	8.86
log P (octanol-water)	1.77
Melting Point	211 dec ° C
Water solubility	20 mg/L
Atmospheric OH Rate Constant	5.80E-11 cm ³ /molecule-sec



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Specifications	Limits
Merck	13,9384
Melting Point	213°C
Storage Temperature	0-6°C
Solubility	Soluble in DMSO



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