

Typical Product Specifications & Properties

3,3-Dinitrodiphenyl DiSulphide

CAS Number: : 537-91-7

Specifications	Limits
Molecular weight	308.33
EINECS	208-677-6
SMILES	<chem>c1(cc(ccc1)[N+](=O)[O-])SSc1cc(ccc1)[N+](=O)[O-]</chem>
InChI	ODOFDWDUSSFUMN-UHFFFAOYSA-N
InChIKey	1S/C12H8N2O4S2/c15-13(16)9-3-1-5-11(7-9)19-20-12-6-2-4-10(8-12)14(17)18/h1-8H
Henry's Law Constant	7.54E-10 atm-m ³ /mole
Vapor Pressure	1.38E-08 mm Hg
Water solubility	1.530 mg/L
Melting Point	84 °C
log P (octanol-water)	4.06
Atmospheric OH Rate Constant	2.27E-10 cm ³ /molecule-sec
Melting Point	78-80 °C

Specifications	Limits
Sensitive	Stench
Merck	6618