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Typical Product Specifications & Properties

Bismuththiol

CAS Number: : 1072-71-5

Specifications	Limits
Molecular weight	150.25
EINECS	214-014-1
SMILES	<chem>c1(sc(S)n[nH]1)=S</chem>
InChI	BIGYLAKFCGVRAN-UHFFFAOYSA-N
InChIKey	1S/C2H2N2S3/c5-1-3-4-2(6)7-1/h(H,3,5)(H,4,6)
Atmospheric OH Rate Constant	1.28E-10 cm ³ /molecule-sec
log P (octanol-water)	-0.630
Water solubility	2.64E+04 mg/L
Melting Point	162 °C (dec.)
Water solubility	20 g/L (20 °C)
BRN Number	113444



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