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Typical Product Specifications & Properties

1-Naphthyl isothiocyanate

CAS Number: : 551-06-4

Specifications	Limits
Molecular weight	185.25
EINECS	208-990-8
SMILES	<chem>c1ccc2c(c1)cccc2N=C=S</chem>
InChI	1S/C11H7NS/c13-8-12-11-7-3-5-9-4-1-2-6-10(9)11/h1-7H
InChIKey	JBDOSUUXMYMWQH-UHFFFAOYSA-N
log P (octanol-water)	4.34
Water solubility	4.63 mg/L
Atmospheric OH Rate Constant	2.37E-11 cm ³ /molecule-sec
Henry's Law Constant	7.62E-05 atm-m ³ /mole
Vapor Pressure	1.32E-04 mm Hg
Melting Point	58 ° C
BRN Number	637868



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Specifications	Limits
Storage Temperature	2-8°C
Stability	Stable, but moisture sensitive. Incompatible with strong oxidizing agents.
Sensitive	Moisture Sensitive
Water solubility	insoluble
Melting Point	55.5-57 °C
Merck	14,6411



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