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Typical Product Specifications & Properties

1-Nonanethiol

CAS Number: : 1455-21-6

Specifications	Limits
Molecular weight	160.32
EINECS	215-936-7
SMILES	C(CCCCS)CCCC
InChI	1S/C9H20S/c1-2-3-4-5-6-7-8-9-10/h10H,2-9H2,1H3
InChIKey	ZVEZMVFBMOOHAT-UHFFFAOYSA-N
Henry's Law Constant	0.025 atm-m ³ /mole
Boiling Point	220 ° C
Atmospheric OH Rate Constant	5.13E-11 cm ³ /molecule-sec
log P (octanol-water)	4.700
Vapor Pressure	0.132 mm Hg
Melting Point	-2.01E+01 ° C
Water solubility	6.540 mg/L



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Specifications	Limits
Flash Point	174 °F
Refractive Index	1.455
Density	0.85 g/mL at 20 °C
Storage Temperature	2-8°C
BRN Number	1733631
Boiling Point	220 °C
Chemical Structure	 36148_36148_1-nonanethiol.png chemical structure
Sensitive	Air Sensitive



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