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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 |
| Sensitive | Air Sensitive |



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