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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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Disclaimer: this is a web generated product specification and property document. All information on this document is subject to reconfirmation at time of quote and order.