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Typical Product Specifications & Properties

1-Bromopentadecane

CAS Number: : 629-72-1

| Specifications | Limits |
|------------------------------|---|
| Molecular weight | 291.31 |
| EINECS | 211-104-2 |
| SMILES | C(CCCCCCBr)CCCCCCC |
| InChI | 1S/C15H31Br/c1-2-3-4-5-6-7-8-9-10-11-12-13-14-15-16/h2-15H2,1H3 |
| InChIKey | JKOTZBXSNOGCIF-UHFFFAOYSA-N |
| Boiling Point | 322 ° C |
| Water solubility | 1.84E-03 mg/L |
| Henry's Law Constant | 0.448 atm-m ³ /mole |
| Atmospheric OH Rate Constant | 1.77E-11 cm ³ /molecule-sec |
| log P (octanol-water) | 8.050 |
| Melting Point | 19 ° C |
| Melting Point | 17-19 ° C |



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| Specifications | Limits |
|------------------|-------------------------|
| Flash Point | >230 °F |
| Refractive Index | 1.461 |
| Water solubility | Not miscible in water. |
| BRN Number | 1744553 |
| Vapor Density | 10.1 |
| Boiling Point | 159-160 °C5 mm Hg |
| Density | 1.005 g/mL at 25 °C |
| Vapor Pressure | <1 mm Hg (20 °C) |



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