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Typical Product Specifications & Properties

N,N'-Di (n-octyl)-p-phenylenediamine

CAS Number: : 103-96-8

| Specifications | Limits |
|------------------------------|---|
| Molecular weight | 332.57 |
| SMILES | <chem>c1(ccc(N[C@@H](CCCCC)C)cc1)N[C@@H](CCCCC)C</chem> |
| InChI | 1S/C22H40N2/c1-5-7-9-11-13-19(3)23-21-15-17-22(18-16-21)24-20(4)14-12-10-8-6-2/h15-20,23-24H,5-14H2,1-4H3 |
| InChIKey | APTGHASZJUAUCP-UHFFFAOYSA-N |
| Atmospheric OH Rate Constant | 1.29E-10 cm ³ /molecule-sec |
| Water solubility | 3.55E-03 mg/L |
| Henry's Law Constant | 1.71E-07 atm-m ³ /mole |
| log P (octanol-water) | 7.430 |
| Vapor Pressure | 5.25E-07 mm Hg |



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