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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 <sup>3</sup> /molecule-sec                                                                    |
| Water solubility             | 3.55E-03 mg/L                                                                                             |
| Henry's Law Constant         | 1.71E-07 atm-m <sup>3</sup> /mole                                                                         |
| log P (octanol-water)        | 7.430                                                                                                     |
| Vapor Pressure               | 5.25E-07 mm Hg                                                                                            |



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415 Huguenot Street, New Rochelle, New York 10801

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