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Typical Product Specifications & Properties

4-Chloro-2-nitrotoluene

CAS Number: : 89-59-8

| Specifications | Limits |
|------------------------------|---|
| Molecular weight | 171.58 |
| SMILES | <chem>c1(c(ccc(c1)Cl)C)[N+](=O)[O-]</chem> |
| InChI | 1S/C7H6ClNO2/c1-5-2-3-6(8)4-7(5)9(10)11/h2-4H,1H3 |
| InChIKey | SQFLFRQWPBEDHM-UHFFFAOYSA-N |
| log P (octanol-water) | 3.05 |
| Atmospheric OH Rate Constant | 3.22E-13 cm ³ /molecule-sec |
| Melting Point | 38 °C |
| Water solubility | 61.2 mg/L |
| Vapor Pressure | 0.011 mm Hg |
| Boiling Point | 242 °C |
| Henry's Law Constant | 1.74E-05 atm-m ³ /mole |



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