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Typical Product Specifications & Properties

2,4-Dinitrotoluene

CAS Number: : 121-14-2

Specifications	Limits
Molecular weight	182.13
SMILES	<chem>c1(cc(ccc1C)[N+](=O)[O-])[N+](=O)[O-]</chem>
InChI	1S/C7H6N2O4/c1-5-2-3-6(8(10)11)4-7(5)9(12)13/h2-4H,1H3
InChIKey	RMBFBMJGBANMMK-UHFFFAOYSA-N
Henry's Law Constant	5.40E-08 atm-m ³ /mole
Melting Point	71 ° C
Water solubility	270 mg/L
Vapor Pressure	1.47E-04 mm Hg
Atmospheric OH Rate Constant	2.16E-13 cm ³ /molecule-sec
log P (octanol-water)	1.98
Boiling Point	300 ° C



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