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Typical Product Specifications & Properties

4,4'-Dinitrobiphenyl

CAS Number: : 1528-74-1

Specifications	Limits
Molecular weight	244.20
EINECS	216-210-2
SMILES	<chem>c1(c2ccc([N+](=O)[O-])cc2)ccc([N+](=O)[O-])cc1</chem>
InChI	1S/C12H8N2O4/c15-13(16)11-5-1-9(2-6-11)10-3-7-12(8-4-10)14(17)18/h1-8H
InChIKey	BDLNCFCZHNBGI-UHFFFAOYSA-N
log P (octanol-water)	3.390
Henry's Law Constant	6.44E-09 atm-m ³ /mole
Water solubility	13.2 mg/L
Atmospheric OH Rate Constant	6.24E-13 cm ³ /molecule-sec
Melting Point	242°C
Chemical Structure	 59824_4-4-dinitrobiphenyl.png chemical structure



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