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## Typical Product Specifications & Properties

# 2,4-Dinitrophenol

CAS Number: : 51-28-5

Specifications	Limits
Molecular weight	184.11
SMILES	<chem>c1(cc(ccc1O)[N+](=O)[O-])[N+](=O)[O-]</chem>
InChI	1S/C6H4N2O5/c9-6-2-1-4(7(10)11)3-5(6)8(12)13/h1-3,9H
InChIKey	UFBJCMHMOXMLKC-UHFFFAOYSA-N
log P (octanol-water)	1.67
Henry's Law Constant	8.60E-08 atm-m <sup>3</sup> /mole
pKa Dissociation Constant	4.09
Melting Point	115.5 &deg; C
Atmospheric OH Rate Constant	6.61E-13 cm <sup>3</sup> /molecule-sec
Water solubility	2790 mg/L
Vapor Pressure	3.90E-04 mm Hg



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