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## Typical Product Specifications & Properties

# 2,4-Dinitro-3H-Imidazole

CAS Number: : 5213-49-0

Specifications	Limits
Molecular weight	158.07
SMILES	<chem>c1(nc([N+](=O)[O-])[nH]c1)[N+](=O)[O-]</chem>
InChI	FLDSOXFRYVOGFK-UHFFFAOYSA-N
InChIKey	1S/C3H2N4O4/c8-6(9)2-1-4-3(5-2)7(10)11/h1H,(H,4,5)
log P (octanol-water)	0.2
Vapor Pressure	2.61E-06 mm Hg
Henry's Law Constant	5.85E-11 atm-m <sup>3</sup> /mole
Atmospheric OH Rate Constant	3.93E-13 cm <sup>3</sup> /molecule-sec
Water solubility	1.92E+04 mg/L



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