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Typical Product Specifications & Properties

5-Nitroisoindoline-1,3-dione

CAS Number: : 89-40-7

Specifications	Limits
Molecular weight	192.13
EINECS	201-905-5
SMILES	<chem>c12c(C(=O)NC2=O)ccc(c1)[N+](=O)[O-]</chem>
InChI	1S/C8H4N2O4/c11-7-5-2-1-4(10(13)14)3-6(5)8(12)9-7/h1-3H,(H,9,11,12)
InChIKey	ANYWGXDASKQYAD-UHFFFAOYSA-N
Water solubility	2180 mg/L
log P (octanol-water)	1.120
Atmospheric OH Rate Constant	5.59E-12 cm ³ /molecule-sec
Melting Point	201 °deg; C
Vapor Pressure	1.13E-09 mm Hg
Henry's Law Constant	4.03E-11 atm-m ³ /mole
Melting Point	206 °deg;C



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Specifications	Limits
Stability	Stable. Combustible. Incompatible with moisture, water, strong oxidising agents, stron
BRN Number	180224
Water solubility	<0.01 g/100 mL at 18 ºC



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