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Typical Product Specifications & Properties

5-Nitro-1,2-dihydroacenaphthylene

CAS Number : 602-87-9

Specifications	Limits
Molecular weight	199.21
EINECS	210-025-0
SMILES	<chem>c12c3c(ccc1CCc2ccc3)[N+](=O)[O-]</chem>
InChI	1S/C12H9NO2/c14-13(15)11-7-6-9-5-4-8-2-1-3-10(11)12(8)9/h1-3,6-7H,4-5H2
InChIKey	CUARLQDWYSRQDF-UHFFFAOYSA-N
Henry's Law Constant	1.11E-06 atm-m ³ /mole
Vapor Pressure	2.65E-05 mm Hg
Atmospheric OH Rate Constant	8.30E-12 cm ³ /molecule-sec
log P (octanol-water)	3.85
Melting Point	100.5 °C
Water solubility	0.91 mg/L
Stability	Stable. Combustible. Incompatible with strong oxidizing agents.



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Specifications	Limits
BRN Number	1876864
Boiling Point	279°C
Melting Point	100-101 °C
Flash Point	279°C



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