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## Typical Product Specifications & Properties

# 5-Nitro-1,10-phenanthroline

CAS Number: : 4199-88-6

Specifications	Limits
Molecular weight	225.21
SMILES	<chem>[N+](c1c2c(nccc2)c2c(c1)cccn2)([O-])=O</chem>
InChI	PDDBTWXLNJNIKS-UHFFFAOYSA-N
InChIKey	1S/C12H7N3O2/c16-15(17)10-7-8-3-1-5-13-11(8)12-9(10)4-2-6-14-12/h1-7H
Water solubility	27.3 mg/L
Atmospheric OH Rate Constant	2.50E-13 cm <sup>3</sup> /molecule-sec
log P (octanol-water)	2.110



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