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## Typical Product Specifications & Properties

# 4-Bromo-5-nitroimidazole

CAS Number: : 6963-65-1

Specifications	Limits
SMILES	<chem>c1(c(nc[nH]1)Br)[N+](=O)[O-]</chem>
InChIKey	1S/C3H2BrN3O2/c4-2-3(7(8)9)6-1-5-2/h1H,(H,5,6)
InChI	KSEFBYAEHWXHLM-UHFFFAOYSA-N
log P (octanol-water)	0.85
Vapor Pressure	1.31E-05 mm Hg
Water solubility	3680 mg/L
Atmospheric OH Rate Constant	1.29E-12 cm <sup>3</sup> /molecule-sec
Henry's Law Constant	5.90E-09 atm-m <sup>3</sup> /mole



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