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## Typical Product Specifications & Properties

# 5-Nitrosalicylic acid

CAS Number: : 96-97-9

Specifications	Limits
Molecular weight	183.12
EINECS	202-548-8
SMILES	<chem>OC(=O)c1cc(ccc1O)[N+](=O)[O-]</chem>
InChI	PPDRLQLKHRZIJC-UHFFFAOYSA-N
InChIKey	1S/C7H5NO5/c9-6-2-1-4(8(12)13)3-5(6)7(10)11/h1-3,9H,(H,10,11)
Water solubility	2000 mg/L
Melting Point	229.5 &deg; C
Vapor Pressure	1.16E-06 mm Hg
Henry's Law Constant	5.60E-11 atm-m3/mole
Atmospheric OH Rate Constant	2.20E-12 cm3/molecule-sec
pKa Dissociation Constant	2.12
log P (octanol-water)	2.34



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Specifications	Limits
Melting Point	228-230 &deg;C
Water solubility	Soluble in water 1g/1475ml .
BRN Number	2213719
Merck	14,6632
Density	1,65 g/cm3



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