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Typical Product Specifications & Properties

2-Aminonaphthalene

CAS Number: : 91-59-8

Specifications	Limits
Molecular weight	143.19
EINECS	202-080-4
SMILES	<chem>c12c(ccc(c1)N)cccc2</chem>
InChI	1S/C10H9N/c11-10-6-5-8-3-1-2-4-9(8)7-10/h1-7H,11H2
InChIKey	JBULHTVPXGSAM-UHFFFAOYSA-N
Atmospheric OH Rate Constant	2.00E-10 cm ³ /molecule-sec
Water solubility	6.4 mg/L
log P (octanol-water)	2.28
Melting Point	113 ° C
Boiling Point	300 ° C
pKa Dissociation Constant	4.16
Henry's Law Constant	8.10E-08 atm-m ³ /mole



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Specifications	Limits
Vapor Pressure	2.56E-04 mm Hg
Boiling Point	306 °C
Merck	13,6425
Form	powder
Water solubility	<0.1 g/100 mL at 22 ºC
Melting Point	111-113 °C
Color	pink to purple
Stability	Stable. Incompatible with strong oxidizin
Storage Temperature	-20°C Freezer
Density	1.061 g/mL at 25 °C



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