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## Typical Product Specifications & Properties

# 6-Bromoquinoline

CAS Number: : 5332-25-2

Specifications	Limits
Molecular weight	208.06
EINECS	206-363-3
SMILES	<chem>n1c2c(cc(cc2)Br)ccc1</chem>
InChI	1S/C9H6BrN/c10-8-3-4-9-7(6-8)2-1-5-11-9/h1-6H
InChIKey	IFIHYLCUKYCKRH-UHFFFAOYSA-N
Vapor Pressure	1.47E-03 mm Hg
Water solubility	152 mg/L
Atmospheric OH Rate Constant	9.06E-12 cm <sup>3</sup> /molecule-sec
pKa Dissociation Constant	3.87
log P (octanol-water)	2.83
Henry's Law Constant	2.74E-07 atm-m <sup>3</sup> /mole
Melting Point	24 &deg; C



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Specifications	Limits
Boiling Point	281 &deg; C
Refractive Index	n <sub>20</sub> /D 1.663
Flash Point	19 &deg;C
Boiling Point	116 &deg;C / 6mmHg
Storage Temperature	Refrigerator
Density	1.55
Solubility	Soluble in acetone, acetonitrile, dichloromethane, ethyl acetate and THF.
Melting Point	19&deg;C



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