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Typical Product Specifications & Properties

3-Methylindole

CAS Number: : 83-34-1

Specifications	Limits
Molecular weight	131.17
EINECS	201-471-7
SMILES	<chem>Cc1c[nH]c2c1cccc2</chem>
InChI	1S/C9H9N/c1-7-6-10-9-5-3-2-4-8(7)9/h2-6,10H,1H3
InChIKey	ZFRKQXVRDFCRJG-UHFFFAOYSA-N
Boiling Point	266 ° C
pKa Dissociation Constant	-3.40E+00
Water solubility	498 mg/L
Melting Point	97.5 ° C
Atmospheric OH Rate Constant	2.00E-10 cm ³ /molecule-sec
Henry's Law Constant	2.13E-06 atm-m ³ /mole
log P (octanol-water)	2.6



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Specifications	Limits
Melting Point	92-97 °C
Merck	14,8560
Boiling Point	265-266 °C
BRN Number	111296
Flash Point	132 °C
Water solubility	Soluble in water, Ether, Alcohols, Benzene, Acetone, Chloroform.
FEMA	3019
Stability	Stable, but light-sensistive. Stench! Incompatible with strong oxidizing agents, strong acids, acid ahydrides, acid chlorides. Combustible.
Sensitive	Light Sensitive
Storage Temperature	Store below +30°C.
Color	Almost white to pale brown
Form	Crystalline Powder or Flakes



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