

## Typical Product Specifications & Properties

# 1H-Imidazole

**CAS Number: 288-32-4**

Specifications	Limits
Molecular weight	68.08
EINECS	206-019-2
SMILES	<chem>c1cnc[nH]1</chem>
InChI	1S/C3H4N2/c1-2-5-3-4-1/h1-3H,(H,4,5)
InChIKey	RAXXELZNTBOGNW-UHFFFAOYSA-N
pKa Dissociation Constant	6.953
Melting Point	90.5 ° C
Henry's Law Constant	3.76E-06 atm-m <sup>3</sup> /mole
Vapor Pressure	0.046 mm Hg
Water solubility	1.59E+05 mg/L
Atmospheric OH Rate Constant	3.59E-11 cm <sup>3</sup> /molecule-sec
Boiling Point	257 ° C
log P (octanol-water)	-0.08
Stability	Stable. Incompatible with acids, strong oxidizing agents. Protect from moisture.
Water solubility	633 g/L (20 °C)