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Typical Product Specifications & Properties

Oxazole

CAS Number: : 288-42-6

Specifications	Limits
Molecular weight	69.06
EINECS	206-020-8
SMILES	c1cocn1
InChI	1S/C3H3NO/c1-2-5-3-4-1/h1-3H
InChIKey	ZCQWOFVYLHDMMC-UHFFFAOYSA-N
Water solubility	1.07E+05 mg/L
Vapor Pressure	132 mm Hg
Boiling Point	69.5 ° C
Henry's Law Constant	7.04E-06 atm-m3/mole
log P (octanol-water)	0.12
Atmospheric OH Rate Constant	9.10E-12 cm3/molecule-sec
Density	1.05 g/mL at 25 °C



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Specifications	Limits
Flash Point	66 °F
Storage Temperature	Refrigerator
Boiling Point	69-70 °C
Melting Point	-87-84 °C
Water solubility	Miscible with alcohol and ether. Slightly miscible with water.
Refractive Index	1.425
BRN Number	103851



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