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## Typical Product Specifications & Properties

# N,N-Diethylnicotinamide

CAS Number: : 59-26-7

Specifications	Limits
Molecular weight	178.23
EINECS	200-418-5
SMILES	CCN(CC)C(=O)c1cccnc1
InChI	NCYVXEGFNDZ QCU-UHFFFAOYSA-N
InChIKey	1S/C10H14N2O/c1-3-12(4-2)10(13)9-6-5-7-11-8-9/h5-8H,3-4H2,1-2H3
log P (octanol-water)	0.33
Boiling Point	298 &deg; C
Water solubility	1.00E+06 mg/L
Melting Point	25 &deg; C
Henry's Law Constant	2.46E-11 atm-m <sup>3</sup> /mole
Vapor Pressure	4.68E-04 mm Hg
Atmospheric OH Rate Constant	2.33E-11 cm <sup>3</sup> /molecule-sec



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Specifications	Limits
pKa Dissociation Constant	3.5
Form	Liquid
Boiling Point	296-300 &deg;C
Flash Point	>230 &deg;F
Color	Clear colorless to yellow
Melting Point	23 &deg;C
Refractive Index	1.524
Density	1.06 g/mL at 25 &deg;C
Merck	14,6543



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