

Typical Product Specifications & Properties

8-Octanolactam

CAS Number: : 935-30-8

Specifications	Limits
Molecular weight	141.21
EINECS	213-300-3
SMILES	<chem>C1(CCCCCCN1)=O</chem>
InChI	1S/C8H15NO/c10-8-6-4-2-1-3-5-7-9-8/h1-7H2,(H,9,10)
InChIKey	YDLSUFFXJYEVHW-UHFFFAOYSA-N
log P (octanol-water)	0.67
Water solubility	6.06E+05 mg/L
Atmospheric OH Rate Constant	2.12E-11 cm ³ /molecule-sec
Vapor Pressure	3.03E-04 mm Hg
Melting Point	77-79 °C
Henry's Law Constant	4.46E-08 atm-m ³ /mole
BRN Number	109775



Specifications	Limits
Boiling Point	151 °C / 8mmHg
Solubility	Soluble in methanol (almost transparency).
Melting Point	74-76 °C