

3-Piperidinol, 1-ethyl-

Other names:	N-Ethyl-3-hydroxypiperidine N-Ethyl-3-piperidinol 1-Ethyl-3-hydroxypiperidine 1-Ethyl-3-piperidinol 3-Hydroxy-1-ethylpiperidine Ethyl-3-hydroxypiperidine 1-ethylpiperidin-3-ol
Inchi:	InChI=1S/C7H15NO/c1-2-8-5-3-4-7(9)6-8/h7,9H,2-6H2,1H3
InchiKey:	ZNPSUOAGONLMLK-UHFFFAOYSA-N
Formula:	C7H15NO
SMILES:	CCN1CCCC(O)C1
Mol. weight [g/mol]:	129.20
CAS:	13444-24-1

Physical Properties

Property code	Value	Unit	Source
hvap	75.70 ± 0.40	kJ/mol	NIST Webbook
log10ws	-0.59		Crippen Method
logp	0.463		Crippen Method
mcvol	114.480	ml/mol	McGowan Method

Pressure Dependent Properties

Property code	Value	Unit	Pressure [kPa]	Source
tbrp	367.20	K	2.00	NIST Webbook

Sources

Crippen Method:	http://pubs.acs.org/doi/abs/10.1021/ci990307l
Crippen Method:	https://www.chemeo.com/doc/models/crippen_log10ws
McGowan Method:	http://link.springer.com/article/10.1007/BF02311772

Legend

h_{vap}:	Enthalpy of vaporization at standard conditions
log₁₀ws:	Log10 of Water solubility in mol/l
log_p:	Octanol/Water partition coefficient
mcvol:	McGowan's characteristic volume
t_{brp}:	Boiling point at reduced pressure

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