3-Piperidinol, 1-methyl-

Other names:	N-Methyl-3-hydroxypiperidine
	N-Methyl-3-piperidinol
	1-Methyl-3-hydroxypiperidine
	1-Methyl-3-piperidinol
	3-Hydroxy-N-methylpiperidine
	3-Hydroxy-1-methylpiperidine
	1-methylpiperidin-3-ol
Inchi:	InChI=1S/C6H13NO/c1-7-4-2-3-6(8)5-7/h6,8H,2-5H2,1H3
InchiKey:	UKANCZCEGQDKGF-UHFFFAOYSA-N
Formula:	C6H13NO
SMILES:	CN1CCCC(O)C1
Mol. weight [g/mol]:	115.17
CAS:	3554-74-3

Physical Properties

Property code	Value	Unit	Source
hvap	73.00 ± 0.60	kJ/mol	NIST Webbook
log10ws	-0.17		Crippen Method
logp	0.073		Crippen Method
mcvol	100.390	ml/mol	McGowan Method
rinpol	948.00		NIST Webbook

Pressure Dependent Properties

Property code	Value	Unit	Pressure [kPa]	Source
tbrp	350.20	K	1.50	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
NIST Webbook:	http://webbook.nist.gov/cgi/cbook.cgi?ID=C3554743&Units=SI

Legend

hvap:	Enthalpy of vaporization at standard conditions
log10ws:	Log10 of Water solubility in mol/l
logp:	Octanol/Water partition coefficient
mcvol:	McGowan's characteristic volume
rinpol:	Non-polar retention indices
tbrp:	Boiling point at reduced pressure

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