

1-Methyl-2-piperidinemethanol

Other names:	1-Methyl-2-hydroxymethylpiperidine 2-Piperidinemethanol, 1-methyl-
Inchi:	InChI=1S/C7H15NO/c1-8-5-3-2-4-7(8)6-9/h7,9H,2-6H2,1H3
InchiKey:	HXXJMMLIEYAFOZ-UHFFFAOYSA-N
Formula:	C7H15NO
SMILES:	CN1CCCCC1CO
Mol. weight [g/mol]:	129.20
CAS:	20845-34-5

Physical Properties

Property code	Value	Unit	Source
hvap	68.20 ± 0.70	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	352.70	K	0.90	NIST Webbook

Sources

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=C20845345&Units=SI
Crippen Method:	http://pubs.acs.org/doi/abs/10.1021/ci990307l

Legend

h_{vap}:	Enthalpy of vaporization at standard conditions
log₁₀w_s:	Log10 of Water solubility in mol/l
log_p:	Octanol/Water partition coefficient
mc_{vol}:	McGowan's characteristic volume
t_{brp}:	Boiling point at reduced pressure

Latest version available from:

<https://www.cheméo.com/cid/10-190-9/1-Methyl-2-piperidinemethanol.pdf>

Generated by Cheméo on 2025-12-25 01:03:10.496740187 +0000 UTC m=+6372788.026780851.

Cheméo (<https://www.cheméo.com>) is the biggest free database of chemical and physical data for the process industry.