

4,4'-Trimethylenebis(1-methylpiperidine)

Other names:	Piperidine, 4,4'-(1,3-propanediyl)bis[1-methyl-4,4'-(propane-1,3-diyl)bis(1-methylpiperidine)]
Inchi:	InChI=1S/C15H30N2/c1-16-10-6-14(7-11-16)4-3-5-15-8-12-17(2)13-9-15/h14-15H,3-13H
InchiKey:	JWOTWWORMYMZCR-UHFFFAOYSA-N
Formula:	C15H30N2
SMILES:	CN1CCC(CCCC2CCN(C)CC2)CC1
Mol. weight [g/mol]:	238.41
CAS:	64168-11-2

Physical Properties

Property code	Value	Unit	Source
log10ws	-2.55		Crippen Method
logp	2.840		Crippen Method
mvol	220.450	ml/mol	McGowan Method

Pressure Dependent Properties

Property code	Value	Unit	Pressure [kPa]	Source
tbrp	488.20	K	6.70	NIST Webbook

Sources

NIST Webbook:	http://webbook.nist.gov/cgi/cbook.cgi?ID=C64168112&Units=SI
Crippen Method:	http://pubs.acs.org/doi/abs/10.1021/ci9903071
Crippen Method:	https://www.chemeo.com/doc/models/crippen_log10ws
McGowan Method:	http://link.springer.com/article/10.1007/BF02311772

Legend

log10ws:	Log10 of Water solubility in mol/l
logp:	Octanol/Water partition coefficient
mcvol:	McGowan's characteristic volume
tbrp:	Boiling point at reduced pressure

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