

1-Piperidin-1-ylpropan-2-ol, tert-butyldimethylsilyl ether

Inchi: InChI=1S/C14H31NOSi/c1-13(12-15-10-8-7-9-11-15)16-17(5,6)14(2,3)4/h13H,7-12H2,1-
InchiKey: LGNCFAZZYWFGPH-UHFFFAOYSA-N
Formula: C14H31NOSi
SMILES: CC(CN1CCCCC1)O[Si](C)(C)C(C)(C)C
Mol. weight [g/mol]: 257.49

Physical Properties

Property code	Value	Unit	Source
log10ws	-1.40		Crippen Method
logp	3.883		Crippen Method
rinpol	1429.00		NIST Webbook
rinpol	1429.00		NIST Webbook

Sources

NIST Webbook: <http://webbook.nist.gov/cgi/cbook.cgi?ID=U373391&Units=SI>
Crippen Method: <http://pubs.acs.org/doi/abs/10.1021/ci9903071>
Crippen Method: https://www.cheméo.com/doc/models/crippen_log10ws

Legend

log10ws: Log10 of Water solubility in mol/l
logp: Octanol/Water partition coefficient
rinpol: Non-polar retention indices

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<https://www.cheméo.com/cid/33-291-2/1-Piperidin-1-ylpropan-2-ol-tert-butyldimethylsilyl-ether.pdf>

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