

3,3,5-Trimethylcyclohexan-1-ol, tert-butyldimethylsilyl ether

Other names: Cyclohexanol, 3,3,5-trimethyl-, tert-butyldimethylsilyl- ether

Cyclonol, tert-butyldimethylsilyl ether

Inchi: InChI=1S/C15H32OSi/c1-12-9-13(11-15(5,6)10-12)16-17(7,8)14(2,3)4/h12-13H,9-11H2,1

InchiKey: JVSQPFILWCVGCG-UHFFFAOYSA-N

Formula: C15H32OSi

SMILES: CC1CC(O[Si](C)(C)C(C)(C)C)CC(C)(C)C1

Mol. weight [g/mol]: 256.50

Physical Properties

Property code	Value	Unit	Source
log10ws	-2.76		Crippen Method
logp	5.223		Crippen Method
rinpola	1329.00		NIST Webbook
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Sources

Crippen Method: <http://pubs.acs.org/doi/abs/10.1021/ci9903071>

Crippen Method: https://www.cheméo.com/doc/models/crippen_log10ws

NIST Webbook: <http://webbook.nist.gov/cgi/cbook.cgi?ID=U373301&Units=SI>

Legend

log10ws: Log10 of Water solubility in mol/l

logp: Octanol/Water partition coefficient

rinpola: Non-polar retention indices

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