

Ethanol, 1-(2-hydroxycyclohexyl), DTBS

Inchi: InChI=1S/C16H32O2Si/c1-12-13-10-8-9-11-14(13)18-19(17-12,15(2,3)4)16(5,6)7/h12-14
InchiKey: NGUBTFSTTZGXRK-UHFFFAOYSA-N
Formula: C16H32O2Si
SMILES: CC1O[Si](C(C)(C)C)(C(C)(C)C)OC2CCCCC12
Mol. weight [g/mol]: 284.51

Physical Properties

Property code	Value	Unit	Source
log10ws	-3.10		Crippen Method
logp	5.023		Crippen Method
rinpol	1625.00		NIST Webbook
rinpol	1625.00		NIST Webbook

Sources

NIST Webbook: <http://webbook.nist.gov/cgi/cbook.cgi?ID=R115396&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

Latest version available from:

<https://www.cheméo.com/cid/27-208-1/Ethanol-1-2-hydroxycyclohexyl-DTBS.pdf>

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