

trans-4-Methylcyclohexanol, tert-butyldimethylsilyl ether

Other names:	Cyclohexanol, 4-methyl, DMTBS
Inchi:	InChI=1S/C13H28OSi/c1-11-7-9-12(10-8-11)14-15(5,6)13(2,3)4/h11-12H,7-10H2,1-6H3
InchiKey:	VEBYTXPHWWGWJY-UHFFFAOYSA-N
Formula:	C13H28OSi
SMILES:	CC1CCC(O[Si](C)(C)C(C)(C)C)CC1
Mol. weight [g/mol]:	228.45

Physical Properties

Property code	Value	Unit	Source
log10ws	-2.17		Crippen Method
logp	4.587		Crippen Method
rinpol	1279.00		NIST Webbook
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Sources

NIST Webbook:	http://webbook.nist.gov/cgi/cbook.cgi?ID=U364137&Units=SI
Crippen Method:	http://pubs.acs.org/doi/abs/10.1021/ci9903071
Crippen Method:	https://www.chemeo.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.chemeo.com/cid/83-179-2/trans-4-Methylcyclohexanol-tert-butyldimethylsilyl-ether.pdf>

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