

trans-2-Methylcyclohexanol, tert-butyldimethylsilyl ether

Other names:	Cyclohexanol, 2-methyl, DMTBS
Inchi:	InChI=1S/C13H28OSi/c1-11-9-7-8-10-12(11)14-15(5,6)13(2,3)4/h11-12H,7-10H2,1-6H3
InchiKey:	SVOBZTWZZDQCGG-UHFFFAOYSA-N
Formula:	C13H28OSi
SMILES:	CC1CCCCC1O[Si](C)(C)C(C)(C)C
Mol. weight [g/mol]:	228.45

Physical Properties

Property code	Value	Unit	Source
log10ws	-2.17		Crippen Method
logp	4.587		Crippen Method
rinpol	1285.00		NIST Webbook
rinpol	1285.00		NIST Webbook

Sources

Crippen Method:	http://pubs.acs.org/doi/abs/10.1021/ci9903071
Crippen Method:	https://www.chemeo.com/doc/models/crippen_log10ws
NIST Webbook:	http://webbook.nist.gov/cgi/cbook.cgi?ID=U364132&Units=SI

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/90-722-0/trans-2-Methylcyclohexanol-tert-butyldimethylsilyl-ether.pdf>

Generated by Cheméo on 2024-04-17 21:06:52.472419895 +0000 UTC m=+15677261.392997207.

Cheméo (<https://www.chemeo.com>) is the biggest free database of chemical and physical data for the process industry.