

2,2,4,4-Tetramethyl-1,3-cyclobutane-1,3-diol, trans, mono-TBDMS

Inchi:	InChI=1S/C14H30O2Si/c1-12(2,3)17(8,9)16-11-13(4,5)10(15)14(11,6)7/h10-11,15H,1-9H
InchiKey:	ZJPBLSTYMMMEGZ-XYPYZODXSA-N
Formula:	C14H30O2Si
SMILES:	CC1(C)C(O)C(C)(C)C1O[Si](C)(C)C(C)(C)C
Mol. weight [g/mol]:	258.47

Physical Properties

Property code	Value	Unit	Source
log10ws	-1.72		Crippen Method
logp	3.804		Crippen Method
rinpol	1158.00		NIST Webbook

Sources

Crippen Method:	http://pubs.acs.org/doi/abs/10.1021/ci990307l
Crippen Method:	https://www.cheméo.com/doc/models/crippen_log10ws
NIST Webbook:	http://webbook.nist.gov/cgi/cbook.cgi?ID=R81300&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.cheméo.com/cid/29-037-9/2-2-4-4-Tetramethyl-1-3-cyclobutane-1-3-diol-trans-mono-TBDMS.pdf>

Generated by Cheméo on 2024-05-02 13:49:12.021381376 +0000 UTC m=+16947000.941958694.

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