

2-Butene-1,4-diol, bis(tert-butyldimethylsilyl) ether

Other names:	2-Butene-1,4-diol, 2tbdms derivative
Inchi:	InChI=1S/C16H36O2Si2/c1-15(2,3)19(7,8)17-13-11-12-14-18-20(9,10)16(4,5)6/h11-12H,
InchiKey:	CCKLXIOYANFXKC-VAWYXSNFSA-N
Formula:	C16H36O2Si2
SMILES:	CC(C)(C)[Si](C)(C)OCC=CCO[Si](C)(C)C(C)(C)C
Mol. weight [g/mol]:	316.63

Physical Properties

Property code	Value	Unit	Source
log10ws	-0.65		Crippen Method
logp	5.586		Crippen Method
rinsol	1602.70		NIST Webbook
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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=U352692&Units=SI

Legend

log10ws:	Log10 of Water solubility in mol/l
logp:	Octanol/Water partition coefficient
rinsol:	Non-polar retention indices

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