

1-Octen-3-ol, tert-butyldimethylsilyl ether

Other names:	1-Octen-3-ol, tbdms derivative
Inchi:	InChI=1S/C14H30OSi/c1-8-10-11-12-13(9-2)15-16(6,7)14(3,4)5/h9,13H,2,8,10-12H2,1,3
InchiKey:	QZKXSJVWDCNSNN-UHFFFAOYSA-N
Formula:	C14H30OSi
SMILES:	C=CC(CCCCC)O[Si](C)(C)C(C)(C)C
Mol. weight [g/mol]:	242.47

Physical Properties

Property code	Value	Unit	Source
log10ws	-2.79		Crippen Method
logp	5.143		Crippen Method
rinpol	1289.20		NIST Webbook

Sources

Crippen Method:	http://pubs.acs.org/doi/abs/10.1021/ci990307l
Crippen Method:	https://www.chemeo.com/doc/models/crippen_log10ws
NIST Webbook:	http://webbook.nist.gov/cgi/cbook.cgi?ID=U352754&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/50-666-7/1-Octen-3-ol-tert-butyldimethylsilyl-ether.pdf>

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