

9-Decen-1-ol, tert-butyldimethylsilyl ether

Other names:	9-Decen-1-ol, tbdms derivative
Inchi:	InChI=1S/C16H34OSi/c1-7-8-9-10-11-12-13-14-15-17-18(5,6)16(2,3)4/h7H,1,8-15H2,2-6
InchiKey:	HUEAOECTTOOWKK-UHFFFAOYSA-N
Formula:	C16H34OSi
SMILES:	C=CCCCCCCCCO[Si](C)(C)C(C)(C)C
Mol. weight [g/mol]:	270.53

Physical Properties

Property code	Value	Unit	Source
log10ws	-3.51		Crippen Method
logp	5.925		Crippen Method
rinsol	1582.90		NIST Webbook
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Sources

Crippen Method:	https://www.chemeo.com/doc/models/crippen_log10ws
NIST Webbook:	http://webbook.nist.gov/cgi/cbook.cgi?ID=U352658&Units=SI
Crippen Method:	http://pubs.acs.org/doi/abs/10.1021/ci9903071

Legend

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

Latest version available from:

<https://www.chemeo.com/cid/82-261-1/9-Decen-1-ol-tert-butyldimethylsilyl-ether.pdf>

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