

(Z)-4-Decen-1-ol, tert-butyldimethylsilyl ether

Other names:	4-Decen-1-ol, (z)-, tbdms derivative
Inchi:	InChI=1S/C16H34OSi/c1-7-8-9-10-11-12-13-14-15-17-18(5,6)16(2,3)4/h11-12H,7-10,13-
InchiKey:	FHOJBQDRFKMEPW-QXMHVHEDSA-N
Formula:	C16H34OSi
SMILES:	CCCCC=CCCCO[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
rinpol	1572.40		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=U333849&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/36-398-1/Z-4-Decen-1-ol-tert-butyldimethylsilyl-ether.pdf>

Generated by Cheméo on 2024-04-27 06:08:15.510705634 +0000 UTC m=+16487344.431282950.

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