(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: CCCCCC=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/ci990307l
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