cis-2-Penten-1-ol, tert-butyldimethylsilyl ether

Other names: 2-Penten-1-ol, (z)-, tbdms derivative
Inchi: InChI=1S/C11H24OSi/c1-7-8-9-10-12-13(5,6)11(2,3)4/h8-9H,7,10H2,1-6H3/b9-8-
InchiKey: KNZINLHSQLSDFF-HJWRWDBZSA-N
Formula: C11H24OSi
SMILES: CCC=CCO[Si](C)(C)C(C)(C)C
Mol. weight [g/mol]: 200.39

Physical Properties

Property code	Value	Unit	Source
log10ws	-1.42		Crippen Method
logp	3.974		Crippen Method
rinpol	1124.70		NIST Webbook
rinpol	1124.70		NIST Webbook

Sources

Crippen Method: https://www.chemeo.com/doc/models/crippen_log10ws
NIST Webbook: http://webbook.nist.gov/cgi/cbook.cgi?ID=U352712&Units=SI
Crippen Method: http://pubs.acs.org/doi/abs/10.1021/ci990307l

Legend

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