dl-2-Pentanol, tert-butyldimethylsilyl ether

Other names: 2-Pentanol, tbdms derivative
Inchi: InChI=1S/C11H26OSi/c1-8-9-10(2)12-13(6,7)11(3,4)5/h10H,8-9H2,1-7H3
InchiKey: RFFQVPBODQCCTI-UHFFFAOYSA-N
Formula: C11H26OSi
SMILES: CCCC(C)O[Si](C)(C)C(C)(C)C
Mol. weight [g/mol]: 202.41

Physical Properties

Property code	Value	Unit	Source
log10ws	-1.68		Crippen Method
logp	4.197		Crippen Method
rinpol	1043.90		NIST Webbook
rinpol	1043.90		NIST Webbook

Sources

Crippen Method: https://www.chemeo.com/doc/models/crippen_log10ws
NIST Webbook: http://webbook.nist.gov/cgi/cbook.cgi?ID=U333084&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