2-Methylbutanol, dimethylpentafluorophenylsilyl ether

Inchi: InChI=1S/C13H17F5OSi/c1-5-7(2)6-19-20(3,4)13-11(17)9(15)8(14)10(16)12(13)18/h7H,5

InchiKey: ZOXQWODUYSHJRS-UHFFFAOYSA-N

Formula: C13H17F5OSi

SMILES: CCC(C)CO[Si](C)(C)c1c(F)c(F)c(F)c(F)c1F

Mol. weight [g/mol]: 312.35

Physical Properties

Property code	Value	Unit	Source
log10ws	-6.90		Crippen Method
logp	3.857		Crippen Method
rinpol	1332.00		NIST Webbook

Sources

Crippen Method: https://www.chemeo.com/doc/models/crippen_log10ws

NIST Webbook: http://webbook.nist.gov/cgi/cbook.cgi?ID=U367914&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