4-Methylpentan-2-ol, dimethylpentafluorophenylsilyl ether

Inchi: InChI=1S/C14H19F5OSi/c1-7(2)6-8(3)20-21(4,5)14-12(18)10(16)9(15)11(17)13(14)19/h7

InchiKey: XEVISVFZCLCTMA-UHFFFAOYSA-N

Formula: C14H19F5OSi

SMILES: CC(C)CC(C)O[Si](C)(C)c1c(F)c(F)c(F)c(F)c1F

Mol. weight [g/mol]: 326.38

Physical Properties

Property code	Value	Unit	Source
log10ws	-7.43		Crippen Method
logp	4.245		Crippen Method
rinpol	1342.00		NIST Webbook
rinpol	1342.00		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=U367943&Units=SI

Legend

log10ws: Log10 of Water solubility in mol/l

logp: Octanol/Water partition coefficient

rinpol: Non-polar retention indices