4,4-Dimethylpentan-2-ol, dimethylpentafluorophenylsilyl ether

Inchi: InChI=1S/C15H21F5OSi/c1-8(7-15(2,3)4)21-22(5,6)14-12(19)10(17)9(16)11(18)13(14)20

InchiKey: PAFSQKVLRCKJGU-UHFFFAOYSA-N

Formula: C15H21F5OSi

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

Mol. weight [g/mol]: 340.40

Physical Properties

Property code	Value	Unit	Source
log10ws	-7.85		Crippen Method
logp	4.636		Crippen Method
rinpol	1401.00		NIST Webbook
rinpol	1401.00		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=U368702&Units=SI

Legend

log10ws: Log10 of Water solubility in mol/l

logp: Octanol/Water partition coefficient

rinpol: Non-polar retention indices