2-(2-Methoxyethyl)hexanol, dimethylpentafluorophenylsilyl ether

Inchi: InChI=1S/C17H25F5O2Si/c1-5-6-7-11(8-9-23-2)10-24-25(3,4)17-15(21)13(19)12(18)14(2

InchiKey: KIYHAIFKNNPISI-UHFFFAOYSA-N

Formula: C17H25F5O2Si

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

Mol. weight [g/mol]: 384.46

Physical Properties

Property code	Value	Unit	Source
log10ws	-7.66		Crippen Method
logp	4.654		Crippen Method
rinpol	1734.00		NIST Webbook
rinpol	1734.00		NIST Webbook

Sources

NIST Webbook: http://webbook.nist.gov/cgi/cbook.cgi?ID=U367910&Units=SI

Crippen Method: http://pubs.acs.org/doi/abs/10.1021/ci990307l

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

Legend

log10ws: Log10 of Water solubility in mol/l

logp: Octanol/Water partition coefficient

rinpol: Non-polar retention indices