2-Fluoroethanol, dimethylpentafluorophenylsilyl ether

Inchi: InChI=1S/C10H10F6OSi/c1-18(2,17-4-3-11)10-8(15)6(13)5(12)7(14)9(10)16/h3-4H2,1-2H

InchiKey: QXXWDPMTFAMLKT-UHFFFAOYSA-N

Formula: C10H10F6OSi

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

Mol. weight [g/mol]: 288.26

Physical Properties

Property code	Value	Unit	Source
log10ws	-5.74		Crippen Method
logp	2.780		Crippen Method
rinpol	1201.00		NIST Webbook

Sources

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

NIST Webbook: http://webbook.nist.gov/cgi/cbook.cgi?ID=U367880&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