2,3,4,5-Tetrafluorobenzyl alcohol, benzyldimethylsilyl ether

Inchi: InChI=1S/C16H16F4OSi/c1-22(2,10-11-6-4-3-5-7-11)21-9-12-8-13(17)15(19)16(20)14(12

InchiKey: YTLRCKXCSOTURL-UHFFFAOYSA-N

Formula: C16H16F4OSi

SMILES: C[Si](C)(Cc1ccccc1)OCc1cc(F)c(F)c(F)c1F

Mol. weight [g/mol]: 328.38

Physical Properties

Property code	Value	Unit	Source
log10ws	-3.77		Crippen Method
logp	4.747		Crippen Method
rinpol	1747.00		NIST Webbook
rinpol	1747.00		NIST Webbook

Sources

NIST Webbook: http://webbook.nist.gov/cgi/cbook.cgi?ID=U376061&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