2,4,5-Trifluorobenzyl alcohol, benzyldimethylsilyl ether

Inchi: InChI=1S/C16H17F3OSi/c1-21(2,11-12-6-4-3-5-7-12)20-10-13-8-15(18)16(19)9-14(13)17

InchiKey: NGXNIDJOCRPNHA-UHFFFAOYSA-N

Formula: C16H17F3OSi

SMILES: C[Si](C)(Cc1ccccc1)OCc1cc(F)c(F)cc1F

Mol. weight [g/mol]: 310.39

Physical Properties

Property code	Value	Unit	Source
log10ws	-3.44		Crippen Method
logp	4.607		Crippen Method
rinpol	1759.00		NIST Webbook
rinpol	1759.00		NIST Webbook

Sources

NIST Webbook: http://webbook.nist.gov/cgi/cbook.cgi?ID=U376067&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