1-Phenylethanol, dimethylpentafluorophenylsilyl ether

Inchi: InChI=1S/C16H15F5OSi/c1-9(10-7-5-4-6-8-10)22-23(2,3)16-14(20)12(18)11(17)13(19)15

InchiKey: YVINXXHXQFYWBV-UHFFFAOYSA-N

Formula: C16H15F5OSi

SMILES: CC(O[Si](C)(C)c1c(F)c(F)c(F)c(F)c1F)c1ccccc1

Mol. weight [g/mol]: 346.37

Physical Properties

Property code	Value	Unit	Source
log10ws	-7.96		Crippen Method
logp	4.572		Crippen Method
rinpol	1588.00		NIST Webbook
rinpol	1588.00		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=U368944&Units=SI

Legend

log10ws: Log10 of Water solubility in mol/l

logp: Octanol/Water partition coefficient

rinpol: Non-polar retention indices