1-Phenylpropanol, dimethylpentafluorophenylsilyl ether

Inchi: InChI=1S/C17H17F5OSi/c1-4-11(10-8-6-5-7-9-10)23-24(2,3)17-15(21)13(19)12(18)14(20

InchiKey: VQLWGSXXSJIXIG-UHFFFAOYSA-N

Formula: C17H17F5OSi

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

Mol. weight [g/mol]: 360.39

Physical Properties

Property code	Value	Unit	Source
log10ws	-8.38		Crippen Method
logp	4.962		Crippen Method
rinpol	1643.00		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=U368965&Units=SI

Legend

log10ws: Log10 of Water solubility in mol/l

logp: Octanol/Water partition coefficient

rinpol: Non-polar retention indices