(4-Methylphenyl)methanol, dimethylpentafluorophenylsilyl ether

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

InchiKey: WMVJFKNYKATDHL-UHFFFAOYSA-N

Formula: C16H15F5OSi

SMILES: Cc1ccc(CO[Si](C)(C)c2c(F)c(F)c(F)c(F)c2F)cc1

Mol. weight [g/mol]: 346.37

Physical Properties

Property code	Value	Unit	Source
log10ws	-8.05		Crippen Method
logp	4.319		Crippen Method
rinpol	1707.00		NIST Webbook

Sources

NIST Webbook: http://webbook.nist.gov/cgi/cbook.cgi?ID=U368940&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