3,5-Dimethyl-1-dimethyl(pentafluorophenyl)silylox

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

InchiKey: LCKFAYGNZDLAHR-UHFFFAOYSA-N

Formula: C16H15F5OSi

SMILES: Cc1cc(C)cc(O[Si](C)(C)c2c(F)c(F)c(F)c(F)c2F)c1

Mol. weight [g/mol]: 346.37

Physical Properties

Property code	Value	Unit	Source
log10ws	-8.26		Crippen Method
logp	4.490		Crippen Method
rinpol	1637.00		NIST Webbook

Sources

Crippen Method: https://www.chemeo.com/doc/models/crippen_log10ws

NIST Webbook: http://webbook.nist.gov/cgi/cbook.cgi?ID=U307937&Units=SI

Crippen Method: http://pubs.acs.org/doi/abs/10.1021/ci990307l

Legend

log10ws: Log10 of Water solubility in mol/l

logp: Octanol/Water partition coefficient

rinpol: Non-polar retention indices