1,3-Difluoro-5-pentafluorophenyldimethylsilyloxyl

Inchi: InChI=1S/C14H9F7OSi/c1-23(2,22-8-4-6(15)3-7(16)5-8)14-12(20)10(18)9(17)11(19)13(1

InchiKey: DOODVQHHOYRSPB-UHFFFAOYSA-N

Formula: C14H9F7OSi

SMILES: C[Si](C)(Oc1cc(F)cc(F)c1)c1c(F)c(F)c(F)c(F)c1F

Mol. weight [g/mol]: 354.30

Physical Properties

Property code	Value	Unit	Source
log10ws	-7.98		Crippen Method
logp	4.151		Crippen Method
rinpol	1465.00		NIST Webbook
rinpol	1465.00		NIST Webbook

Sources

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

NIST Webbook: http://webbook.nist.gov/cgi/cbook.cgi?ID=U299103&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