2,6-Dimethoxyphenol, dimethylpentafluorophenylsilyl ether

Inchi: InChI=1S/C16H15F5O3Si/c1-22-8-6-5-7-9(23-2)15(8)24-25(3,4)16-13(20)11(18)10(17)12

InchiKey: BVZCLXOJDXIXNN-UHFFFAOYSA-N

Formula: C16H15F5O3Si

SMILES: COc1cccc(OC)c1O[Si](C)(C)c1c(F)c(F)c(F)c(F)c1F

Mol. weight [g/mol]: 378.37

Physical Properties

Property code	Value	Unit	Source
log10ws	-7.55		Crippen Method
logp	3.890		Crippen Method
rinpol	1849.00		NIST Webbook
rinpol	1849.00		NIST Webbook

Sources

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

NIST Webbook: http://webbook.nist.gov/cgi/cbook.cgi?ID=U368913&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