(4-(Trifluoromethyl)phenyl)methanol, dimethylpentafluorophenylsilyl ether

Inchi: InChI=1S/C16H12F8OSi/c1-26(2,15-13(20)11(18)10(17)12(19)14(15)21)25-7-8-3-5-9(6-4

InchiKey: GBFRWGPSOKRGOT-UHFFFAOYSA-N

Formula: C16H12F8OSi

SMILES: C[Si](C)(OCc1ccc(C(F)(F)F)cc1)c1c(F)c(F)c(F)c(F)c1F

Mol. weight [g/mol]: 400.34

Physical Properties

Property code	Value	Unit	Source
log10ws	-8.68		Crippen Method
logp	5.030		Crippen Method
rinpol	1640.00		NIST Webbook

Sources

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

NIST Webbook: http://webbook.nist.gov/cgi/cbook.cgi?ID=U368706&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