10-Chlorodecanol, dimethylpentafluorophenylsilyl ether

Inchi: InChI=1S/C18H26ClF5OSi/c1-26(2,18-16(23)14(21)13(20)15(22)17(18)24)25-12-10-8-6-

InchiKey: JSDMKSULKUZTMO-UHFFFAOYSA-N

Formula: C18H26ClF5OSi

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

Mol. weight [g/mol]: 416.93

Physical Properties

Property code	Value	Unit	Source
log10ws	-9.39		Crippen Method
logp	6.170		Crippen Method
rinpol	2138.00		NIST Webbook

Sources

NIST Webbook: http://webbook.nist.gov/cgi/cbook.cgi?ID=U368754&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