Heptanol, dimethylpentafluorophenylsilyl ether

Inchi: InChI=1S/C15H21F5OSi/c1-4-5-6-7-8-9-21-22(2,3)15-13(19)11(17)10(16)12(18)14(15)20

InchiKey: SBMCGSIZRWYRQD-UHFFFAOYSA-N

Formula: C15H21F5OSi

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

Mol. weight [g/mol]: 340.40

Physical Properties

Property code	Value	Unit	Source
log10ws	-7.98		Crippen Method
logp	4.781		Crippen Method
rinpol	1554.00		NIST Webbook
rinpol	1554.00		NIST Webbook

Sources

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

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

NIST Webbook: http://webbook.nist.gov/cgi/cbook.cgi?ID=U368257&Units=SI

Legend

log10ws: Log10 of Water solubility in mol/l

logp: Octanol/Water partition coefficient

rinpol: Non-polar retention indices