Silane, dimethyl(pentafluorobenzyloxy)tetradecyloxy-

Inchi: InChI=1S/C23H37F5O2Si/c1-4-5-6-7-8-9-10-11-12-13-14-15-16-29-31(2,3)30-17-18-19(2

InchiKey: VBPWTVXMBVBBNE-UHFFFAOYSA-N

Formula: C23H37F5O2Si

SMILES: CCCCCCCCCCCCCCO[Si](C)(C)OCc1c(F)c(F)c(F)c(F)c1F

Mol. weight [g/mol]: 468.62

Physical Properties

Property code	Value	Unit	Source
log10ws	-7.51		Crippen Method
logp	8.318		Crippen Method
rinpol	2300.00		NIST Webbook
rinpol	2300.00		NIST Webbook

Sources

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

NIST Webbook: http://webbook.nist.gov/cgi/cbook.cgi?ID=U347270&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