Silane, dimethyl(pentafluorobenzyloxy)docosyloxy-

Inchi: InChI=1S/C31H53F5O2Si/c1-4-5-6-7-8-9-10-11-12-13-14-15-16-17-18-19-20-21-22-23-2

InchiKey: JQGVPZCMTRLGQS-UHFFFAOYSA-N

Formula: C31H53F5O2Si

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

Mol. weight [g/mol]: 580.83

Physical Properties

Property code	Value	Unit	Source
log10ws	-10.86		Crippen Method
logp	11.439		Crippen Method
rinpol	3081.00		NIST Webbook

Sources

NIST Webbook: http://webbook.nist.gov/cgi/cbook.cgi?ID=U347274&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