Silane, diethyl(pentafluorobenzyloxy)undecyloxy-

Inchi: InChI=1S/C22H35F5O2Si/c1-4-7-8-9-10-11-12-13-14-15-28-30(5-2,6-3)29-16-17-18(23)2

InchiKey: UXZBDCDHUORYHG-UHFFFAOYSA-N

Formula: C22H35F5O2Si

SMILES: CCCCCCCCCCCO[Si](CC)(CC)OCc1c(F)c(F)c(F)c(F)c1F

Mol. weight [g/mol]: 454.59

Physical Properties

Property code	Value	Unit	Source
log10ws	-7.10		Crippen Method
logp	7.928		Crippen Method
rinpol	2187.00		NIST Webbook
rinpol	2187.00		NIST Webbook

Sources

NIST Webbook: http://webbook.nist.gov/cgi/cbook.cgi?ID=U363226&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