Silane, dimethyl(3,5-difluorophenoxy)tetradecyloxy-

Inchi: InChI=1S/C22H38F2O2Si/c1-4-5-6-7-8-9-10-11-12-13-14-15-16-25-27(2,3)26-22-18-20(2

InchiKey: GQPDCOPBMXIRJG-UHFFFAOYSA-N

Formula: C22H38F2O2Si

SMILES: CCCCCCCCCCCCCCO[Si](C)(C)Oc1cc(F)cc(F)c1

Mol. weight [g/mol]: 400.62

Physical Properties

Property code	Value	Unit	Source
log10ws	-6.25		Crippen Method
logp	7.763		Crippen Method
rinpol	2273.00		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=U347170&Units=SI

Legend

log10ws: Log10 of Water solubility in mol/l

logp: Octanol/Water partition coefficient

rinpol: Non-polar retention indices