Silane, diphenylheptadecyloxy(2,2,3,3-tetrafluoropropoxy

Inchi: InChI=1S/C32H48F4O2Si/c1-2-3-4-5-6-7-8-9-10-11-12-13-14-15-22-27-37-39(29-23-18-1

InchiKey: GWRCPWKGHISZHN-UHFFFAOYSA-N

Formula: C32H48F4O2Si

SMILES: CCCCCCCCCCCCCCCCCO[Si](OCC(F)(F)C(F)F)(c1ccccc1)c1ccccc1

Mol. weight [g/mol]: 568.80

Physical Properties

Property code	Value	Unit	Source
log10ws	-16.82		Crippen Method
logp	9.048		Crippen Method
rinpol	3139.00		NIST Webbook
rinpol	3139.00		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=U368113&Units=SI

Legend

log10ws: Log10 of Water solubility in mol/l

logp: Octanol/Water partition coefficient

rinpol: Non-polar retention indices