Silane, diphenyl(2,2,3,3-tetrafluoropropoxy)undecyloxy-

Inchi: InChI=1S/C26H36F4O2Si/c1-2-3-4-5-6-7-8-9-16-21-31-33(23-17-12-10-13-18-23,24-19-1

InchiKey: VFXKJJMEMRIHAV-UHFFFAOYSA-N

Formula: C26H36F4O2Si

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

Mol. weight [g/mol]: 484.64

Physical Properties

Property code	Value	Unit	Source
log10ws	-14.30		Crippen Method
logp	6.707		Crippen Method
rinpol	2539.00		NIST Webbook
rinpol	2539.00		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=U368108&Units=SI

Legend

log10ws: Log10 of Water solubility in mol/l

logp: Octanol/Water partition coefficient

rinpol: Non-polar retention indices