Silane, diphenylheptyloxy(1,1,1-trifluoroprop-2-yloxy)-

Inchi: InChI=1S/C22H29F3O2Si/c1-3-4-5-6-13-18-26-28(20-14-9-7-10-15-20,21-16-11-8-12-17

InchiKey: MSJNSTPIYWOXDX-UHFFFAOYSA-N

Formula: C22H29F3O2Si

SMILES: CCCCCCCO[Si](OC(C)C(F)(F)F)(c1ccccc1)c1ccccc1

Mol. weight [g/mol]: 410.55

Physical Properties

Property code	Value	Unit	Source
log10ws	-12.78		Crippen Method
logp	5.197		Crippen Method
rinpol	2089.00		NIST Webbook

Sources

NIST Webbook: http://webbook.nist.gov/cgi/cbook.cgi?ID=U368093&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