Silane, diphenylisobutoxy(2,2,3,3,4,4,5,5-octafluoropenty

Inchi: InChI=1S/C21H22F8O2Si/c1-15(2)13-30-32(16-9-5-3-6-10-16,17-11-7-4-8-12-17)31-14-1

InchiKey: SLXCUACLDPCLQA-UHFFFAOYSA-N

Formula: C21H22F8O2Si

SMILES: CC(C)CO[Si](OCC(F)(F)C(F)(F)C(F)(F)C(F)F)(c1ccccc1)c1ccccc1

Mol. weight [g/mol]: 486.47

Physical Properties

Property code	Value	Unit	Source
log10ws	-12.60		Crippen Method
logp	5.103		Crippen Method
rinpol	1905.00		NIST Webbook
rinpol	1905.00		NIST Webbook

Sources

Crippen Method: https://www.chemeo.com/doc/models/crippen_log10ws

NIST Webbook: http://webbook.nist.gov/cgi/cbook.cgi?ID=U367716&Units=SI

Crippen Method: http://pubs.acs.org/doi/abs/10.1021/ci990307l

Legend

log10ws: Log10 of Water solubility in mol/l

logp: Octanol/Water partition coefficient

rinpol: Non-polar retention indices