Silane, diphenylisobutoxy(2,3,4-trifluorophenoxy)-

Inchi: InChI=1S/C22H21F3O2Si/c1-16(2)15-26-28(17-9-5-3-6-10-17,18-11-7-4-8-12-18)27-20-1

InchiKey: RNPKCFXTBSFAGU-UHFFFAOYSA-N

Formula: C22H21F3O2Si

SMILES: CC(C)CO[Si](Oc1ccc(F)c(F)c1F)(c1ccccc1)c1ccccc1

Mol. weight [g/mol]: 402.48

Physical Properties

Property code	Value	Unit	Source
log10ws	-12.51		Crippen Method
logp	4.412		Crippen Method
rinpol	2235.00		NIST Webbook
rinpol	2235.00		NIST Webbook

Sources

NIST Webbook: http://webbook.nist.gov/cgi/cbook.cgi?ID=U368072&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