Silane, diphenyl(2-fluoro-3-trifluoromethylphenoxy)isohe

Inchi: InChI=1S/C25H26F4O2Si/c1-19(2)11-10-18-30-32(20-12-5-3-6-13-20,21-14-7-4-8-15-21

InchiKey: UYDGMBZTCYBHOJ-UHFFFAOYSA-N

Formula: C25H26F4O2Si

SMILES: CC(C)CCCO[Si](Oc1cccc(C(F)(F)F)c1F)(c1ccccc1)c1ccccc1

Mol. weight [g/mol]: 462.55

Physical Properties

Property code	Value	Unit	Source
log10ws	-13.78		Crippen Method
logp	5.933		Crippen Method
rinpol	2402.00		NIST Webbook
rinpol	2402.00		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=U368156&Units=SI

Legend

log10ws: Log10 of Water solubility in mol/l

logp: Octanol/Water partition coefficient

rinpol: Non-polar retention indices

Latest version available from:

https://www.chemeo.com/cid/116-934-6/Silane-diphenyl-2-fluoro-3-trifluoromethylphenoxy-isohexyloxy.pdf

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