

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

Inchi: InChI=1S/C30H36F4O2Si/c1-2-3-4-5-6-7-8-9-16-24-35-37(25-18-12-10-13-19-25,26-20-17-14-11-15)/Oc1cccc(C(F)(F)F)c1F)(c1ccccc1)c1ccccc1
InchiKey: JLIBIYAJKKVSSC-UHFFFAOYSA-N
Formula: C30H36F4O2Si
SMILES: CCCCCCCCCCO[Si](Oc1cccc(C(F)(F)F)c1F)(c1ccccc1)c1ccccc1
Mol. weight [g/mol]: 532.68

Physical Properties

Property code	Value	Unit	Source
log10ws	-16.12		Crippen Method
logp	8.027		Crippen Method
rinpol	2913.00		NIST Webbook

Sources

Crippen Method: https://www.chemeo.com/doc/models/crippen_log10ws
NIST Webbook: <http://webbook.nist.gov/cgi/cbook.cgi?ID=U368162&Units=SI>
Crippen Method: <http://pubs.acs.org/doi/abs/10.1021/ci9903071>

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/52-093-1/Silane-diphenyl-2-fluoro-3-trifluoromethylphenoxy-undecyloxy.pdf>

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