

Silane, diphenyl(2,3,4-trifluorophenoxy)undecyloxy-

Inchi: InChI=1S/C29H35F3O2Si/c1-2-3-4-5-6-7-8-9-16-23-33-35(24-17-12-10-13-18-24,25-19-20-21-22)/1
InchiKey: IMGKTECVBOYJM-UHFFFAOYSA-N
Formula: C29H35F3O2Si
SMILES: CCCCCCCCCCO[Si](Oc1ccc(F)c(F)c1F)(c1cccc1)c1cccc1
Mol. weight [g/mol]: 500.67

Physical Properties

Property code	Value	Unit	Source
log10ws	-15.68		Crippen Method
logp	7.287		Crippen Method
rinsol	2957.00		NIST Webbook
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Sources

Crippen Method: <http://pubs.acs.org/doi/abs/10.1021/ci9903071>
Crippen Method: https://www.chemeo.com/doc/models/crippen_log10ws
NIST Webbook: <http://webbook.nist.gov/cgi/cbook.cgi?ID=U368079&Units=SI>

Legend

log10ws: Log10 of Water solubility in mol/l
logp: Octanol/Water partition coefficient
rinsol: Non-polar retention indices

Latest version available from:

<https://www.chemeo.com/cid/66-424-8/Silane-diphenyl-2-3-4-trifluorophenoxy-undecyloxy.pdf>

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