

Silane, diphenyldodecyloxy(2-fluoro-3-trifluoromethylphenoxy)

Inchi: InChI=1S/C31H38F4O2Si/c1-2-3-4-5-6-7-8-9-10-17-25-36-38(26-19-13-11-14-20-26,27-28-29-30)/Si(OC1=CC=CC=C1)OC2=CC=C(C(F)(F)F)C(F)(F)F

InchiKey: IQWASCCPHJYIIO-UHFFFAOYSA-N

Formula: C31H38F4O2Si

SMILES: CCCCCCCCCCCCOSi(OC1=CC=CC=C1)OC2=CC=C(C(F)(F)F)C(F)(F)F

Mol. weight [g/mol]: 546.71

Physical Properties

Property code	Value	Unit	Source
log10ws	-16.54		Crippen Method
logp	8.417		Crippen Method
rinpol	3021.00		NIST Webbook

Sources

Crippen Method: <http://pubs.acs.org/doi/abs/10.1021/ci9903071>

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

NIST Webbook: <http://webbook.nist.gov/cgi/cbook.cgi?ID=U368163&Units=SI>

Legend

log10ws: Log10 of Water solubility in mol/l

logp: Octanol/Water partition coefficient

rinpol: Non-polar retention indices

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