

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

Inchi: InChI=1S/C28H32F4O2Si/c1-2-3-4-5-6-7-14-22-33-35(23-16-10-8-11-17-23,24-18-12-9-10-11-12-13-14-15-16-17-18-19-20-21-22-23-24-25-26-27-28)/1-2-3-4-5-6-7-8-9-10-11-12-13-14-15-16-17-18-19-20-21-22-23-24-25-26-27-28
InchiKey: DDGLDFXNVBWLQM-UHFFFAOYSA-N
Formula: C28H32F4O2Si
SMILES: CCCCCCCCCO[Si](Oc1cccc(C(F)(F)F)c1F)(c1cccc1)c1cccc1
Mol. weight [g/mol]: 504.63

Physical Properties

Property code	Value	Unit	Source
log10ws	-15.28		Crippen Method
logp	7.247		Crippen Method
rinpol	2713.00		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=U368160&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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