

Silane, diphenyl(2-fluoroethoxy)heptadecyloxy-

Inchi: InChI=1S/C31H49FO2Si/c1-2-3-4-5-6-7-8-9-10-11-12-13-14-15-22-28-33-35(34-29-27-30-26-25-24-23)/OCCF/c1ccccc1/c1ccccc1
InchiKey: BQEVONIRARBUFS-UHFFFAOYSA-N
Formula: C31H49FO2Si
SMILES: CCCCCCCCCCCCCCCCCO[Si](OCCF)(c1ccccc1)c1ccccc1
Mol. weight [g/mol]: 500.80

Physical Properties

Property code	Value	Unit	Source
log10ws	-15.62		Crippen Method
logp	8.117		Crippen Method
rinpol	3261.00		NIST Webbook
rinpol	3261.00		NIST Webbook

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=U368145&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/34-017-5/Silane-diphenyl-2-fluoroethoxy-heptadecyloxy.pdf>

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