

Silane, diphenyl(2-fluoroethoxy)octadecyloxy-

Inchi: InChI=1S/C32H51FO2Si/c1-2-3-4-5-6-7-8-9-10-11-12-13-14-15-16-23-29-34-36(35-30-28)
InchiKey: RRPXCSHKRKKVEZ-UHFFFAOYSA-N
Formula: C32H51FO2Si
SMILES: CCCCCCCCCCCCCCCCCCO[Si](OCCF)(c1ccccc1)c1ccccc1
Mol. weight [g/mol]: 514.83

Physical Properties

Property code	Value	Unit	Source
log10ws	-16.04		Crippen Method
logp	8.507		Crippen Method
rinpol	3364.00		NIST Webbook
rinpol	3364.00		NIST Webbook

Sources

NIST Webbook: <http://webbook.nist.gov/cgi/cbook.cgi?ID=U368146&Units=SI>
Crippen Method: <http://pubs.acs.org/doi/abs/10.1021/ci990307l>
Crippen Method: https://www.chemeo.com/doc/models/crippen_log10ws

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/72-033-5/Silane-diphenyl-2-fluoroethoxy-octadecyloxy.pdf>

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