

Silane, diphenyl(2-fluoroethoxy)hexadecyloxy-

Inchi: InChI=1S/C30H47FO2Si/c1-2-3-4-5-6-7-8-9-10-11-12-13-14-21-27-32-34(33-28-26-31,29)
InchiKey: HEXOPKRSDQSWRA-UHFFFAOYSA-N
Formula: C30H47FO2Si
SMILES: CCCCCCCCCCCCCCO[Si](OCCF)(c1ccccc1)c1ccccc1
Mol. weight [g/mol]: 486.78

Physical Properties

Property code	Value	Unit	Source
log10ws	-15.20		Crippen Method
logp	7.727		Crippen Method
rinpol	3155.00		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=U368144&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/15-477-6/Silane-diphenyl-2-fluoroethoxy-hexadecyloxy.pdf>

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