

Silane, diphenyl(2-fluoroethoxy)tridecyloxy-

Inchi: InChI=1S/C27H41FO2Si/c1-2-3-4-5-6-7-8-9-10-11-18-24-29-31(30-25-23-28,26-19-14-12-13)/F1
InchiKey: TVLHLPZEUKTVKF-UHFFFAOYSA-N
Formula: C27H41FO2Si
SMILES: CCCCCCCCCCCCCO[Si](OCCF)(c1ccccc1)c1ccccc1
Mol. weight [g/mol]: 444.70

Physical Properties

Property code	Value	Unit	Source
log10ws	-13.95		Crippen Method
logp	6.557		Crippen Method
rinpol	2838.00		NIST Webbook

Sources

NIST Webbook: <http://webbook.nist.gov/cgi/cbook.cgi?ID=U368142&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/65-591-4/Silane-diphenyl-2-fluoroethoxy-tridecyloxy.pdf>

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