

Silane, diphenyl(2,2,3,3,3-pentafluoropropoxy)tridecyloxy

Inchi: InChI=1S/C28H39F5O2Si/c1-2-3-4-5-6-7-8-9-10-11-18-23-34-36(25-19-14-12-15-20-25,26-27-28)/1
InchiKey: KUVUNLGUIQIDFB-UHFFFAOYSA-N
Formula: C28H39F5O2Si
SMILES: CCCCCCCCCCCCCO[Si](OCC(F)(F)C(F)(F)F)(c1ccccc1)c1ccccc1
Mol. weight [g/mol]: 530.69

Physical Properties

Property code	Value	Unit	Source
log10ws	-15.49		Crippen Method
logp	7.785		Crippen Method
rinpol	2588.00		NIST Webbook
rinpol	2588.00		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=U368127&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/61-015-7/Silane-diphenyl-2-2-3-3-3-pentafluoropropoxy-tridecyloxy.pdf>

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