

Silane, diphenylpentadecyloxy(2,2,3,3-tetrafluoropropoxy

Inchi: InChI=1S/C30H44F4O2Si/c1-2-3-4-5-6-7-8-9-10-11-12-13-20-25-35-37(27-21-16-14-17-2)
InchiKey: TYGULRKOXHEJNE-UHFFFAOYSA-N
Formula: C30H44F4O2Si
SMILES: CCCCCCCCCCCCCCO[Si](OCC(F)(F)C(F)F)(c1ccccc1)c1ccccc1
Mol. weight [g/mol]: 540.75

Physical Properties

Property code	Value	Unit	Source
log10ws	-15.98		Crippen Method
logp	8.268		Crippen Method
rinpol	2932.00		NIST Webbook
rinpol	2932.00		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=U368111&Units=SI>

Legend

log10ws: Log10 of Water solubility in mol/l
logp: Octanol/Water partition coefficient
rinpol: Non-polar retention indices

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<https://www.chemeo.com/cid/28-347-6/Silane-diphenylpentadecyloxy-2-2-3-3-tetrafluoropropoxy.pdf>

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