

Silane, diphenyloctadecyloxy(2,2,3,3-tetrafluoropropoxy)

Inchi: InChI=1S/C33H50F4O2Si/c1-2-3-4-5-6-7-8-9-10-11-12-13-14-15-16-23-28-38-40(30-24-
InchiKey: XQNIJJQWKVTTG-UHFFFAOYSA-N
Formula: C33H50F4O2Si
SMILES: CCCCCCCCCCCCCCCCCO[Si](OCC(F)(F)C(F)F)(c1ccccc1)c1ccccc1
Mol. weight [g/mol]: 582.83

Physical Properties

Property code	Value	Unit	Source
log10ws	-17.24		Crippen Method
logp	9.438		Crippen Method
rinpol	3240.00		NIST Webbook

Sources

NIST Webbook: <http://webbook.nist.gov/cgi/cbook.cgi?ID=U368114&Units=SI>
Crippen Method: <http://pubs.acs.org/doi/abs/10.1021/ci9903071>
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/29-009-0/Silane-diphenyloctadecyloxy-2-2-3-3-tetrafluoropropoxy.pdf>

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