Silane, diphenyldecyloxy(1,1,1-trifluoroprop-2-yloxy)-

Inchi: InChI=1S/C25H35F3O2Si/c1-3-4-5-6-7-8-9-16-21-29-31(23-17-12-10-13-18-23,24-19-14

InchiKey: LXZLUBFXPQEVSA-UHFFFAOYSA-N

Formula: C25H35F3O2Si

SMILES: CCCCCCCCCCO[Si](OC(C)C(F)(F)F)(c1ccccc1)c1ccccc1

Mol. weight [g/mol]: 452.62

Physical Properties

Property code	Value	Unit	Source
log10ws	-14.03		Crippen Method
logp	6.368		Crippen Method
rinpol	2375.00		NIST Webbook

Sources

NIST Webbook: http://webbook.nist.gov/cgi/cbook.cgi?ID=U368095&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/42-248-0/Silane-diphenyldecyloxy-1-1-1-trifluoroprop-2-yloxy.pdf

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