

Silane, diphenyl(1,1,1-trifluoroprop-2-yloxy)undecyloxy-

Inchi: InChI=1S/C26H37F3O2Si/c1-3-4-5-6-7-8-9-10-17-22-30-32(24-18-13-11-14-19-24,25-20)
InchiKey: CLIXOKFSCZMPRL-UHFFFAOYSA-N
Formula: C₂₆H₃₇F₃O₂Si
SMILES: CCCCCCCCCCO[Si](OC(C)C(F)(F)F)(c1cccc1)c1cccc1
Mol. weight [g/mol]: 466.65

Physical Properties

Property code	Value	Unit	Source
log10ws	-14.45		Crippen Method
logp	6.758		Crippen Method
rinpol	2473.00		NIST Webbook
rinpol	2473.00		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=U368096&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/55-084-8/Silane-diphenyl-1-1-1-trifluoroprop-2-yloxy-undecyloxy.pdf>

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