

Silane, diphenyl(2,4-dimethylpent-3-yloxy)dodecyloxy-

Inchi: InChI=1S/C31H50O2Si/c1-6-7-8-9-10-11-12-13-14-21-26-32-34(29-22-17-15-18-23-29,30-24-25-27-28)/Si1
InchiKey: OUPRYLIDGOTJBD-UHFFFAOYSA-N
Formula: C₃₁H₅₀O₂Si
SMILES: CCCCCCCCCCCCCO[Si](OC(C(C)C)C(C)C)(c1ccccc1)c1ccccc1
Mol. weight [g/mol]: 482.81

Physical Properties

Property code	Value	Unit	Source
log10ws	-15.40		Crippen Method
logp	7.878		Crippen Method
rinpol	2918.00		NIST Webbook

Sources

Crippen Method: <http://pubs.acs.org/doi/abs/10.1021/ci990307l>
Crippen Method: https://www.chemeo.com/doc/models/crippen_log10ws
NIST Webbook: <http://webbook.nist.gov/cgi/cbook.cgi?ID=U367536&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/35-623-1/Silane-diphenyl-2-4-dimethylpent-3-yloxy-dodecyloxy.pdf>

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