

Silane, diphenyl(3-methylbut-2-yloxy)tridecyloxy-

Inchi: InChI=1S/C30H48O2Si/c1-5-6-7-8-9-10-11-12-13-14-21-26-31-33(32-28(4)27(2)3,29-22-
InchiKey: RTXJXDBIFLYLBA-UHFFFAOYSA-N
Formula: C30H48O2Si
SMILES: CCCCCCCCCCCCCO[Si](OC(C)C(C)C)(c1ccccc1)c1ccccc1
Mol. weight [g/mol]: 468.79

Physical Properties

Property code	Value	Unit	Source
log10ws	-15.22		Crippen Method
logp	7.632		Crippen Method
rinpol	2897.00		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=U367650&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/18-528-6/Silane-diphenyl-3-methylbut-2-yloxy-tridecyloxy.pdf>

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