

Silane, diphenyldodecyloxy(2-methylpent-3-yloxy)-

Inchi: InChI=1S/C30H48O2Si/c1-5-7-8-9-10-11-12-13-14-21-26-31-33(28-22-17-15-18-23-28,29-24-27-30)/1,2
InchiKey: CNQCLDUNQFIFIR-UHFFFAOYSA-N
Formula: C30H48O2Si
SMILES: CCCCCCCCCCCCCO[Si](OC(CC)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	2862.00		NIST Webbook
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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=U367565&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/49-191-6/Silane-diphenyldodecyloxy-2-methylpent-3-yloxy.pdf>

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