

Silane, diphenyldecyloxy(3-methylbut-3-en-1-yloxy)-

Inchi: InChI=1S/C27H40O2Si/c1-4-5-6-7-8-9-10-17-23-28-30(29-24-22-25(2)3,26-18-13-11-14-
InchiKey: RMHUUMKXMQRHRH-UHFFFAOYSA-N
Formula: C27H40O2Si
SMILES: C=C(C)CCO[Si](OCCCCCCCCC)(c1ccccc1)c1ccccc1
Mol. weight [g/mol]: 424.69

Physical Properties

Property code	Value	Unit	Source
log10ws	-13.95		Crippen Method
logp	6.383		Crippen Method
rinsol	2676.00		NIST Webbook
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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=U367813&Units=SI>

Legend

log10ws: Log10 of Water solubility in mol/l
logp: Octanol/Water partition coefficient
rinsol: Non-polar retention indices

Latest version available from:

<https://www.chemeo.com/cid/94-850-4/Silane-diphenyldecyloxy-3-methylbut-3-en-1-yloxy.pdf>

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