

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

Inchi: InChI=1S/C29H46O2Si/c1-5-6-7-8-9-10-11-12-13-20-25-30-32(31-27(4)26(2)3,28-21-16-
InchiKey: QVBOVUFCUMHVSU-UHFFFAOYSA-N
Formula: C₂₉H₄₆O₂Si
SMILES: CCCCCCCCCCCCCO[Si](OC(C)C(C)C)(c1ccccc1)c1ccccc1
Mol. weight [g/mol]: 454.76

Physical Properties

Property code	Value	Unit	Source
log10ws	-14.80		Crippen Method
logp	7.242		Crippen Method
rinpol	2794.00		NIST Webbook
rinpol	2794.00		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=U367649&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/63-047-0/Silane-diphenyldodecyloxy-3-methylbut-2-yloxy.pdf>

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