

Silane, diphenyl(3-methylbut-3-en-1-yloxy)tridecyloxy-

Inchi: InChI=1S/C30H46O2Si/c1-4-5-6-7-8-9-10-11-12-13-20-26-31-33(32-27-25-28(2)3,29-21-
InchiKey: RPUFGZRBMCKHN-UHFFFAOYSA-N
Formula: C30H46O2Si
SMILES: C=C(C)CCO[Si](OCCCCCCCCCCCCC)(c1ccccc1)c1ccccc1
Mol. weight [g/mol]: 466.77

Physical Properties

Property code	Value	Unit	Source
log10ws	-15.21		Crippen Method
logp	7.553		Crippen Method
rinpol	2975.00		NIST Webbook
rinpol	2975.00		NIST Webbook

Sources

NIST Webbook: <http://webbook.nist.gov/cgi/cbook.cgi?ID=U367816&Units=SI>
Crippen Method: <http://pubs.acs.org/doi/abs/10.1021/ci990307l>
Crippen Method: https://www.chemeo.com/doc/models/crippen_log10ws

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/28-762-5/Silane-diphenyl-3-methylbut-3-en-1-yloxy-tridecyloxy.pdf>

Generated by Cheméo on 2025-12-05 10:34:13.555802476 +0000 UTC m=+4679051.085843164.

Cheméo (<https://www.chemeo.com>) is the biggest free database of chemical and physical data for the process industry.