

Silane, diphenyl(cis-hex-3-en-1-yloxy)dodecyloxy-

Inchi: InChI=1S/C30H46O2Si/c1-3-5-7-9-10-11-12-13-14-22-28-32-33(29-23-17-15-18-24-29,30-25-27-21-19-20)/Si1
InchiKey: UKMQKRQZHYGSDK-VURMDHGXSA-N
Formula: C30H46O2Si
SMILES: CCC=CCCO[Si](OCCCCCCCCCCCC)(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	2992.00		NIST Webbook
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Sources

Crippen Method: https://www.chemeo.com/doc/models/crippen_log10ws
NIST Webbook: <http://webbook.nist.gov/cgi/cbook.cgi?ID=U367997&Units=SI>
Crippen Method: <http://pubs.acs.org/doi/abs/10.1021/ci990307l>

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/48-248-4/Silane-diphenyl-cis-hex-3-en-1-yloxy-dodecyloxy.pdf>

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