

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

Inchi: InChI=1S/C31H48O2Si/c1-3-5-7-9-10-11-12-13-14-15-23-29-33-34(30-24-18-16-19-25-31)26-27-28
InchiKey: DWZQMKPORJLERD-VURMDHGXSA-N
Formula: C31H48O2Si
SMILES: CCC=CCCO[Si](OCCCCCCCCCCCC)(c1ccccc1)c1ccccc1
Mol. weight [g/mol]: 480.80

Physical Properties

Property code	Value	Unit	Source
log10ws	-15.62		Crippen Method
logp	7.944		Crippen Method
rinpol	3097.00		NIST Webbook
rinpol	3097.00		NIST Webbook

Sources

Crippen Method: https://www.chemeo.com/doc/models/crippen_log10ws
NIST Webbook: <http://webbook.nist.gov/cgi/cbook.cgi?ID=U367998&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/44-710-4/Silane-diphenyl-cis-hex-3-en-1-yloxy-tridecyloxy.pdf>

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