

Silane, diphenyldi(cis-hex-3-en-1-yloxy)-

Inchi: InChI=1S/C24H32O2Si/c1-3-5-7-15-21-25-27(23-17-11-9-12-18-23,24-19-13-10-14-20-2)
InchiKey: MGTGCXBBOMWLGO-SFECMWDFSA-N
Formula: C24H32O2Si
SMILES: CCC=CCCO[Si](OCCC=CCC)(c1ccccc1)c1ccccc1
Mol. weight [g/mol]: 380.60

Physical Properties

Property code	Value	Unit	Source
log10ws	-12.55		Crippen Method
logp	4.989		Crippen Method
rinpol	2431.00		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=U368002&Units=SI>
Crippen Method: <http://pubs.acs.org/doi/abs/10.1021/ci9903071>

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/83-989-3/Silane-diphenyldi-cis-hex-3-en-1-yloxy.pdf>

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