

Silane, diphenylisobutoxy(tetradec-3-en-1-yloxy)-

Inchi: InChI=1S/C30H46O2Si/c1-4-5-6-7-8-9-10-11-12-13-14-21-26-31-33(32-27-28(2)3,29-22-23)/Si1
InchiKey: NXKKQKCRYDCRIE-BUHFOSPRSA-N
Formula: C30H46O2Si
SMILES: CCCCCCCCCC=CCCO[Si](OCC(C)C)(c1ccccc1)c1ccccc1
Mol. weight [g/mol]: 466.77

Physical Properties

Property code	Value	Unit	Source
log10ws	-14.96		Crippen Method
logp	7.409		Crippen Method
rinpol	2966.00		NIST Webbook
rinpol	2966.00		NIST Webbook

Sources

NIST Webbook: <http://webbook.nist.gov/cgi/cbook.cgi?ID=U367969&Units=SI>
Crippen Method: <http://pubs.acs.org/doi/abs/10.1021/ci9903071>
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/43-220-9/Silane-diphenylisobutoxy-tetradec-3-en-1-yloxy.pdf>

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