

Silane, diphenylisohexyloxy(non-3-en-1-yloxy)-

Inchi: InChI=1S/C27H40O2Si/c1-4-5-6-7-8-9-16-23-28-30(26-19-12-10-13-20-26,27-21-14-11-10)Si1
InchiKey: NTKGPDGQSUAUEG-CMDGGOBGSA-N
Formula: C27H40O2Si
SMILES: CCCCC=CCCO[Si](OCCCC(C)C)(c1ccccc1)c1ccccc1
Mol. weight [g/mol]: 424.69

Physical Properties

Property code	Value	Unit	Source
log10ws	-13.71		Crippen Method
logp	6.239		Crippen Method
rinpol	2640.00		NIST Webbook
rinpol	2640.00		NIST Webbook

Sources

Crippen Method: <http://pubs.acs.org/doi/abs/10.1021/ci9903071>
Crippen Method: https://www.chemeo.com/doc/models/crippen_log10ws
NIST Webbook: <http://webbook.nist.gov/cgi/cbook.cgi?ID=U367797&Units=SI>

Legend

log10ws: Log10 of Water solubility in mol/l
logp: Octanol/Water partition coefficient
rinpol: Non-polar retention indices

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<https://www.chemeo.com/cid/86-282-4/Silane-diphenylisohexyloxy-non-3-en-1-yloxy.pdf>

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