

Silane, diphenyl(hex-2-yloxy)nonyloxy-

Inchi: InChI=1S/C27H42O2Si/c1-4-6-8-9-10-11-18-24-28-30(26-20-14-12-15-21-26,27-22-16-1)
InchiKey: LAUGNFRINSGBQY-UHFFFAOYSA-N
Formula: C27H42O2Si
SMILES: CCCCCCCCCO[Si](OC(C)CCCC)(c1ccccc1)c1ccccc1
Mol. weight [g/mol]: 426.71

Physical Properties

Property code	Value	Unit	Source
log10ws	-14.21		Crippen Method
logp	6.606		Crippen Method
rinpol	2587.00		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=U367697&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/15-381-2/Silane-diphenyl-hex-2-yloxy-nonyloxy.pdf>

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