

Silane, diphenyl(3-cyclohexenylmethoxy)nonyloxy-

Inchi: InChI=1S/C28H40O2Si/c1-2-3-4-5-6-7-17-24-29-31(27-20-13-9-14-21-27,28-22-15-10-16)
InchiKey: XWICGPABILNVND-UHFFFAOYSA-N
Formula: C28H40O2Si
SMILES: CCCCCCCCCO[Si](OCC1CC=CCC1)(c1ccccc1)c1ccccc1
Mol. weight [g/mol]: 436.70

Physical Properties

Property code	Value	Unit	Source
log10ws	-14.02		Crippen Method
logp	6.383		Crippen Method
rinsol	2901.00		NIST Webbook
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Sources

Crippen Method: https://www.cheméo.com/doc/models/crippen_log10ws
NIST Webbook: <http://webbook.nist.gov/cgi/cbook.cgi?ID=U368198&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
rinsol: Non-polar retention indices

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<https://www.cheméo.com/cid/66-436-5/Silane-diphenyl-3-cyclohexenylmethoxy-nonyloxy.pdf>

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