

Silane, diphenyl(1-cyclopentylethoxy)octyloxy-

Inchi: InChI=1S/C27H40O2Si/c1-3-4-5-6-7-16-23-28-30(26-19-10-8-11-20-26,27-21-12-9-13-22)
InchiKey: MVGQWHNHXMUOJQ-UHFFFAOYSA-N
Formula: C27H40O2Si
SMILES: CCCCCCO[Si](OC(C)C1CCCC1)(c1ccccc1)c1ccccc1
Mol. weight [g/mol]: 424.69

Physical Properties

Property code	Value	Unit	Source
log10ws	-13.86		Crippen Method
logp	6.215		Crippen Method
rinpol	2691.00		NIST Webbook
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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=U368042&Units=SI>

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/94-843-2/Silane-diphenyl-1-cyclopentylethoxy-octyloxy.pdf>

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