

Silane, diphenyl(3-cyclohexenylmethoxy)pentyl- oxy-

Inchi: InChI=1S/C24H32O2Si/c1-2-3-13-20-25-27(23-16-9-5-10-17-23,24-18-11-6-12-19-24)26
InchiKey: BFKWJTJSKLUXHL-UHFFFAOYSA-N
Formula: C24H32O2Si
SMILES: CCCCCO[Si](OCC1CC=CCC1)(c1ccccc1)c1ccccc1
Mol. weight [g/mol]: 380.60

Physical Properties

Property code	Value	Unit	Source
log10ws	-12.35		Crippen Method
logp	4.823		Crippen Method
rinsol	2510.00		NIST Webbook
rinsol	2510.00		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=U368194&Units=SI>

Legend

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

Latest version available from:

<https://www.chemeo.com/cid/83-990-1/Silane-diphenyl-3-cyclohexenylmethoxy-pentyl-oxo.pdf>

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