

Silane, dimethyl(1-phenylpropoxy)hexadecyloxy-

Inchi: InChI=1S/C27H50O2Si/c1-5-7-8-9-10-11-12-13-14-15-16-17-18-22-25-28-30(3,4)29-27(6)
InchiKey: DTOMSEOBPKMDEX-UHFFFAOYSA-N
Formula: C27H50O2Si
SMILES: CCCCCCCCCCCCCCCCCO[Si](C)(C)OC(CC)c1ccccc1
Mol. weight [g/mol]: 434.77

Physical Properties

Property code	Value	Unit	Source
log10ws	-7.49		Crippen Method
logp	9.354		Crippen Method
rinpol	2672.00		NIST Webbook
rinpol	2672.00		NIST Webbook

Sources

Crippen Method: <http://pubs.acs.org/doi/abs/10.1021/ci990307l>
Crippen Method: https://www.chemeo.com/doc/models/crippen_log10ws
NIST Webbook: <http://webbook.nist.gov/cgi/cbook.cgi?ID=U347284&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/86-427-3/Silane-dimethyl-1-phenylpropoxy-hexadecyloxy.pdf>

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