

Silane, dimethyl(1-phenylpropoxy)dodecyloxy-

Inchi: InChI=1S/C23H42O2Si/c1-5-7-8-9-10-11-12-13-14-18-21-24-26(3,4)25-23(6-2)22-19-16-
InchiKey: NQTCZOBGUNYDTI-UHFFFAOYSA-N
Formula: C23H42O2Si
SMILES: CCCCCCCCCCO[Si](C)(C)OC(CC)c1ccccc1
Mol. weight [g/mol]: 378.66

Physical Properties

Property code	Value	Unit	Source
log10ws	-5.82		Crippen Method
logp	7.794		Crippen Method
rinpol	2271.00		NIST Webbook
rinpol	2271.00		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=U347281&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/99-069-7/Silane-dimethyl-1-phenylpropoxy-dodecyloxy.pdf>

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