

Silane, dimethyl(2-biphenyloxy)heptadecyloxy-

Inchi: InChI=1S/C31H50O2Si/c1-4-5-6-7-8-9-10-11-12-13-14-15-16-17-23-28-32-34(2,3)33-31-
InchiKey: OWURACFQCLNBRR-UHFFFAOYSA-N
Formula: C31H50O2Si
SMILES: CCCCCCCCCCCCCCCCCO[Si](C)(C)Oc1cccc1-c1cccc1
Mol. weight [g/mol]: 482.81

Physical Properties

Property code	Value	Unit	Source
log10ws	-9.45		Crippen Method
logp	10.322		Crippen Method
rinpol	3223.00		NIST Webbook
rinpol	3223.00		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=U347354&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/62-025-5/Silane-dimethyl-2-biphenyloxy-heptadecyloxy.pdf>

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