

Silane, dimethyl(2-biphenyloxy)decyloxy-

Inchi: InChI=1S/C24H36O2Si/c1-4-5-6-7-8-9-10-16-21-25-27(2,3)26-24-20-15-14-19-23(24)22-
InchiKey: QTZXMOJZKYPTAB-UHFFFAOYSA-N
Formula: C24H36O2Si
SMILES: CCCCCCCCCCO[Si](C)(C)Oc1ccccc1-c1ccccc1
Mol. weight [g/mol]: 384.63

Physical Properties

Property code	Value	Unit	Source
log10ws	-6.52		Crippen Method
logp	7.591		Crippen Method
rinpol	2491.00		NIST Webbook

Sources

Crippen Method: https://www.chemeo.com/doc/models/crippen_log10ws
NIST Webbook: <http://webbook.nist.gov/cgi/cbook.cgi?ID=U347350&Units=SI>
Crippen Method: <http://pubs.acs.org/doi/abs/10.1021/ci990307l>

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/42-596-4/Silane-dimethyl-2-biphenyloxy-decyloxy.pdf>

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