Silane, dimethyl(2-biphenyloxy)dodecyloxy-

Inchi:	InChI=1S/C26H40O2Si/c1-4-5-6-7-8-9-10-11-12-18-23-27-29(2,3)28-26-22-17-16-21-25(
InchiKey:	SKWZAPILPVJDGJ-UHFFFAOYSA-N
Formula:	C26H40O2Si
SMILES:	CCCCCCCCCCCCO[Si](C)(C)Oc1ccccc1-c1ccccc1
Mol. weight [g/mol]:	412.68

Physical Properties

Property code	Value	Unit	Source
log10ws	-7.36		Crippen Method
logp	8.372		Crippen Method
rinpol	2696.00		NIST Webbook
rinpol	2696.00		NIST Webbook

Sources

NIST Webbook:	http://webbook.nist.gov/cgi/cbook.cgi?ID=U347351&Units=SI
Crippen Method:	http://pubs.acs.org/doi/abs/10.1021/ci990307l
Crippen Method:	https://www.chemeo.com/doc/models/crippen_log10ws

Legend

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

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