

# Silane, dimethyl(4-phenylphenoxy)heptadecyloxy-

Inchi:	InChI=1S/C31H50O2Si/c1-4-5-6-7-8-9-10-11-12-13-14-15-16-17-21-28-32-34(2,3)33-31-
InchiKey:	MYJXZIONLSFVSZ-UHFFFAOYSA-N
Formula:	C31H50O2Si
SMILES:	CCCCCCCCCCCCCCCCO[Si](C)(C)Oc1ccc(-c2ccccc2)cc1
Mol. weight [g/mol]:	482.81

## Physical Properties

Property code	Value	Unit	Source
log10ws	-9.45		Crippen Method
logp	10.322		Crippen Method
rinpol	3491.00		NIST Webbook

## Sources

Crippen Method:	<a href="https://www.chemeo.com/doc/models/crippen_log10ws">https://www.chemeo.com/doc/models/crippen_log10ws</a>
NIST Webbook:	<a href="http://webbook.nist.gov/cgi/cbook.cgi?ID=U347498&amp;Units=SI">http://webbook.nist.gov/cgi/cbook.cgi?ID=U347498&amp;Units=SI</a>
Crippen Method:	<a href="http://pubs.acs.org/doi/abs/10.1021/ci9903071">http://pubs.acs.org/doi/abs/10.1021/ci9903071</a>

## Legend

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

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<https://www.chemeo.com/cid/64-673-4/Silane-dimethyl-4-phenylphenoxy-heptadecyloxy.pdf>

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