

# Silane, dimethyl(2,5-dimethylphenoxy)dodecyloxy-

Inchi:	InChI=1S/C22H40O2Si/c1-6-7-8-9-10-11-12-13-14-15-18-23-25(4,5)24-22-19-20(2)16-17
InchiKey:	UQLWHKGJEWFDDB-UHFFFAOYSA-N
Formula:	C22H40O2Si
SMILES:	CCCCCCCCCCCCO[Si](C)(C)Oc1cc(C)ccc1C
Mol. weight [g/mol]:	364.64

## Physical Properties

Property code	Value	Unit	Source
log10ws	-5.70		Crippen Method
logp	7.322		Crippen Method
rinpol	2268.00		NIST Webbook
rinpol	2268.00		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=U347298&amp;Units=SI">http://webbook.nist.gov/cgi/cbook.cgi?ID=U347298&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

Latest version available from:

<https://www.chemeo.com/cid/23-975-4/Silane-dimethyl-2-5-dimethylphenoxy-dodecyloxy.pdf>

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