Silane, dimethyl(2-decyloxy)pentadecyloxy-

Inchi:	InChI=1S/C27H58O2Si/c1-6-8-10-12-14-15-16-17-18-19-20-22-24-26-28-30(4,5)29-27(3
InchiKey:	OWZKLCKBQVCMHH-UHFFFAOYSA-N
Formula:	C27H58O2Si
SMILES:	CCCCCCCCCCCCCCCO[Si](C)(C)OC(C)CCCCCCCC
Mol. weight [g/mol]:	442.83

Physical Properties

Property code	Value	Unit	Source
log10ws	-8.04		Crippen Method
logp	9.952		Crippen Method
rinpol	2611.00		NIST Webbook

Sources

NIST Webbook:	http://webbook.nist.gov/cgi/cbook.cgi?ID=U347628&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

Latest version available from:

https://www.chemeo.com/cid/46-999-3/Silane-dimethyl-2-decyloxy-pentadecyloxy.pdf

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