

Silane, dimethyl(2,5-dimethylphenoxy)isohexyloxy-

Inchi:	InChI=1S/C16H28O2Si/c1-13(2)8-7-11-17-19(5,6)18-16-12-14(3)9-10-15(16)4/h9-10,12-
InchiKey:	IKSPEZBZJMGZST-UHFFFAOYSA-N
Formula:	C16H28O2Si
SMILES:	Cc1ccc(C)c(O[Si](C)(C)OCCCC(C)C)c1
Mol. weight [g/mol]:	280.48

Physical Properties

Property code	Value	Unit	Source
log10ws	-2.95		Crippen Method
logp	4.837		Crippen Method
rinpol	1644.00		NIST Webbook

Sources

NIST Webbook:	http://webbook.nist.gov/cgi/cbook.cgi?ID=U347293&Units=SI
Crippen Method:	http://pubs.acs.org/doi/abs/10.1021/ci9903071
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/23-790-9/Silane-dimethyl-2-5-dimethylphenoxy-isohexyloxy.pdf>

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