

Silane, dimethyl(2,6-dimethoxyphenoxy)pentadecyloxy-

Inchi: InChI=1S/C25H46O4Si/c1-6-7-8-9-10-11-12-13-14-15-16-17-18-22-28-30(4,5)29-25-23(2
InchiKey: FPTLYQHVRXCINM-UHFFFAOYSA-N
Formula: C25H46O4Si
SMILES: CCCCCCCCCCCCCCO[Si](C)(C)Oc1c(OC)cccc1OC
Mol. weight [g/mol]: 438.72

Physical Properties

Property code	Value	Unit	Source
log10ws	-6.25		Crippen Method
logp	7.892		Crippen Method
rinpol	2785.00		NIST Webbook

Sources

NIST Webbook: <http://webbook.nist.gov/cgi/cbook.cgi?ID=U347136&Units=SI>
Crippen Method: <http://pubs.acs.org/doi/abs/10.1021/ci9903071>
Crippen Method: https://www.cheméo.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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<https://www.cheméo.com/cid/49-441-8/Silane-dimethyl-2-6-dimethoxyphenoxy-pentadecyloxy.pdf>

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