

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

Inchi: InChI=1S/C23H42O4Si/c1-6-7-8-9-10-11-12-13-14-15-16-20-26-28(4,5)27-23-21(24-2)18
InchiKey: FZYDZQJVRMUQM-Q-UHFFFAOYSA-N
Formula: C₂₃H₄₂O₄Si
SMILES: CCCCCCCCCCCCCO[Si](C)(C)Oc1c(OC)cccc1OC
Mol. weight [g/mol]: 410.66

Physical Properties

Property code	Value	Unit	Source
log10ws	-5.41		Crippen Method
logp	7.112		Crippen Method
rinpol	2582.00		NIST Webbook
rinpol	2582.00		NIST Webbook

Sources

NIST Webbook: <http://webbook.nist.gov/cgi/cbook.cgi?ID=U347134&Units=SI>
Crippen Method: <http://pubs.acs.org/doi/abs/10.1021/ci990307l>
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

Latest version available from:

<https://www.cheméo.com/cid/64-117-1/Silane-dimethyl-2-6-dimethoxyphenoxy-tridecyloxy.pdf>

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