Silane, dimethyl(4-methoxyphenoxy)hexadecyloxy-

Inchi: InChI=1S/C25H46O3Si/c1-5-6-7-8-9-10-11-12-13-14-15-16-17-18-23-27-29(3,4)28-25-21

InchiKey: ROYMNOYNEQTQGJ-UHFFFAOYSA-N

Formula: C25H46O3Si

SMILES: CCCCCCCCCCCCCCCCO[Si](C)(C)Oc1ccc(OC)cc1

Mol. weight [g/mol]: 422.72

Physical Properties

Property code	Value	Unit	Source
log10ws	-6.55		Crippen Method
logp	8.274		Crippen Method
rinpol	2778.00		NIST Webbook
rinpol	2778.00		NIST Webbook

Sources

Crippen Method: http://pubs.acs.org/doi/abs/10.1021/ci990307l

Crippen Method: https://www.chemeo.com/doc/models/crippen_log10ws

NIST Webbook: http://webbook.nist.gov/cgi/cbook.cgi?ID=U347153&Units=SI

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/83-963-1/Silane-dimethyl-4-methoxyphenoxy-hexadecyloxy.pdf

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