

Silane, dimethyl(4-methoxyphenoxy)tridecyloxy-

Inchi: InChI=1S/C22H40O3Si/c1-5-6-7-8-9-10-11-12-13-14-15-20-24-26(3,4)25-22-18-16-21(23)
InchiKey: NFPBARNUCNTULL-UHFFFAOYSA-N
Formula: C22H40O3Si
SMILES: CCCCCCCCCCCCCO[Si](C)(C)Oc1ccc(OC)cc1
Mol. weight [g/mol]: 380.64

Physical Properties

Property code	Value	Unit	Source
log10ws	-5.29		Crippen Method
logp	7.103		Crippen Method
rinpol	2475.00		NIST Webbook
rinpol	2475.00		NIST Webbook

Sources

NIST Webbook: <http://webbook.nist.gov/cgi/cbook.cgi?ID=U347151&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/84-313-1/Silane-dimethyl-4-methoxyphenoxy-tridecyloxy.pdf>

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