

Silane, dimethyl(4-isopropoxyphenoxy)tetradecyloxy-

Inchi: InChI=1S/C25H46O3Si/c1-6-7-8-9-10-11-12-13-14-15-16-17-22-26-29(4,5)28-25-20-18-2
InchiKey: CEIVEJLGZGZZFI-UHFFFAOYSA-N
Formula: C25H46O3Si
SMILES: CCCCCCCCCCCCCO[Si](C)(C)Oc1ccc(OC(C)C)cc1
Mol. weight [g/mol]: 422.72

Physical Properties

Property code	Value	Unit	Source
log10ws	-6.66		Crippen Method
logp	8.272		Crippen Method
rinpol	2566.00		NIST Webbook
rinpol	2566.00		NIST Webbook

Sources

NIST Webbook: <http://webbook.nist.gov/cgi/cbook.cgi?ID=U347061&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/15-443-3/Silane-dimethyl-4-isopropoxyphenoxy-tetradecyloxy.pdf>

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