

Silane, dimethyl(4-isopropoxyphenoxy)dodecyloxy-

Inchi: InChI=1S/C23H42O3Si/c1-6-7-8-9-10-11-12-13-14-15-20-24-27(4,5)26-23-18-16-22(17-18)
InchiKey: JRGDWPCDFONLRA-UHFFFAOYSA-N
Formula: C23H42O3Si
SMILES: CCCCCCCCCCO[Si](C)(C)Oc1ccc(OC(C)C)cc1
Mol. weight [g/mol]: 394.66

Physical Properties

Property code	Value	Unit	Source
log10ws	-5.82		Crippen Method
logp	7.492		Crippen Method
rinpol	2365.00		NIST Webbook

Sources

Crippen Method: <http://pubs.acs.org/doi/abs/10.1021/ci9903071>
Crippen Method: https://www.chemeo.com/doc/models/crippen_log10ws
NIST Webbook: <http://webbook.nist.gov/cgi/cbook.cgi?ID=U347059&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/41-190-5/Silane-dimethyl-4-isopropoxyphenoxy-dodecyloxy.pdf>

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