

Silane, dimethyl(4-isopropoxyphenoxy)hexadecyloxy-

Inchi: InChI=1S/C27H50O3Si/c1-6-7-8-9-10-11-12-13-14-15-16-17-18-19-24-28-31(4,5)30-27-2
InchiKey: VFIONUFMXIGTBX-UHFFFAOYSA-N
Formula: C27H50O3Si
SMILES: CCCCCCCCCCCCCCO[Si](C)(C)Oc1ccc(OC(C)C)cc1
Mol. weight [g/mol]: 450.77

Physical Properties

Property code	Value	Unit	Source
log10ws	-7.50		Crippen Method
logp	9.052		Crippen Method
rinpol	2771.00		NIST Webbook
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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=U347063&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/86-425-5/Silane-dimethyl-4-isopropoxyphenoxy-hexadecyloxy.pdf>

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