

Silane, dimethyl(4-isopropoxyphenoxy)undecyloxy-

Inchi: InChI=1S/C22H40O3Si/c1-6-7-8-9-10-11-12-13-14-19-23-26(4,5)25-22-17-15-21(16-18-20)
InchiKey: ORMQRVUCUMBHJL-UHFFFAOYSA-N
Formula: C22H40O3Si
SMILES: CCCCCCCCCCO[Si](C)(C)Oc1ccc(OC(C)C)cc1
Mol. weight [g/mol]: 380.64

Physical Properties

Property code	Value	Unit	Source
log10ws	-5.40		Crippen Method
logp	7.102		Crippen Method
rinpol	2268.00		NIST Webbook

Sources

Crippen Method: <http://pubs.acs.org/doi/abs/10.1021/ci990307l>
Crippen Method: https://www.cheméo.com/doc/models/crippen_log10ws
NIST Webbook: <http://webbook.nist.gov/cgi/cbook.cgi?ID=U347058&Units=SI>

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/45-521-3/Silane-dimethyl-4-isopropoxyphenoxy-undecyloxy.pdf>

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