

Silane, dimethyl(4-(2-phenylprop-2-yl)phenoxy)decyloxy-

Inchi: InChI=1S/C27H42O2Si/c1-6-7-8-9-10-11-12-16-23-28-30(4,5)29-26-21-19-25(20-22-26)2
InchiKey: LSIVLVZCOYHNPP-UHFFFAOYSA-N
Formula: C27H42O2Si
SMILES: CCCCCCCCCO[Si](C)(C)Oc1ccc(C(C)(C)c2ccccc2)cc1
Mol. weight [g/mol]: 426.71

Physical Properties

Property code	Value	Unit	Source
log10ws	-6.53		Crippen Method
logp	8.250		Crippen Method
rinpol	2784.00		NIST Webbook

Sources

Crippen Method: <http://pubs.acs.org/doi/abs/10.1021/ci990307l>
Crippen Method: https://www.chemeo.com/doc/models/crippen_log10ws
NIST Webbook: <http://webbook.nist.gov/cgi/cbook.cgi?ID=U347193&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.chemeo.com/cid/38-114-3/Silane-dimethyl-4-2-phenylprop-2-yl-phenoxy-decyloxy.pdf>

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