

Silane, dimethyl(4-phenoxybenzyloxy)pentadecyloxy-

Inchi: InChI=1S/C30H48O3Si/c1-4-5-6-7-8-9-10-11-12-13-14-15-19-26-31-34(2,3)32-27-28-22-
InchiKey: NLELSRXNYPKHTE-UHFFFAOYSA-N
Formula: C30H48O3Si
SMILES: CCCCCCCCCCCCCCO[Si](C)(C)OCc1ccc(Oc2ccccc2)cc1
Mol. weight [g/mol]: 484.79

Physical Properties

Property code	Value	Unit	Source
log10ws	-7.91		Crippen Method
logp	9.805		Crippen Method
rinpol	3243.00		NIST Webbook
rinpol	3243.00		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=U347408&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/97-191-3/Silane-dimethyl-4-phenoxybenzyloxy-pentadecyloxy.pdf>

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