

Silane, diphenyl(5-methoxy-3-methylpentyl)undecyloxy

Inchi: InChI=1S/C30H48O3Si/c1-4-5-6-7-8-9-10-11-18-25-32-34(29-19-14-12-15-20-29,30-21-1-2-3)/1-2
InchiKey: LAVFOGHMVNZYDF-UHFFFAOYSA-N
Formula: C30H48O3Si
SMILES: CCCCCCCCCCO[Si](OCCC(C)CCOC)(c1cccc1)c1cccc1
Mol. weight [g/mol]: 484.79

Physical Properties

Property code	Value	Unit	Source
log10ws	-14.20		Crippen Method
logp	6.870		Crippen Method
rinpol	3036.00		NIST Webbook
rinpol	3036.00		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=U367603&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/98-940-0/Silane-diphenyl-5-methoxy-3-methylpentylundecyloxy.pdf>

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