

Silane, diphenyl(hept-2-yloxy)undecyloxy-

Inchi: InChI=1S/C30H48O2Si/c1-4-6-8-9-10-11-12-13-21-27-31-33(29-23-17-14-18-24-29,30-2)
InchiKey: JILIUWKPMIMCAB-UHFFFAOYSA-N
Formula: C30H48O2Si
SMILES: CCCCCCCCCCO[Si](OC(C)CCCC)(c1cccc1)c1cccc1
Mol. weight [g/mol]: 468.79

Physical Properties

Property code	Value	Unit	Source
log10ws	-15.46		Crippen Method
logp	7.776		Crippen Method
rinpol	2861.00		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=U367632&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/17-516-0/Silane-diphenyl-hept-2-yloxy-undecyloxy.pdf>

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