

Silane, diphenyldodecyloxy(4-heptyloxy)-

Inchi: InChI=1S/C31H50O2Si/c1-4-7-8-9-10-11-12-13-14-21-28-32-34(30-24-17-15-18-25-30,3
InchiKey: ZXYWSLWFDSXBEB-UHFFFAOYSA-N
Formula: C31H50O2Si
SMILES: CCCCCCCCCCO[Si](OC(CCC)CCC)(c1cccc1)c1cccc1
Mol. weight [g/mol]: 482.81

Physical Properties

Property code	Value	Unit	Source
log10ws	-15.88		Crippen Method
logp	8.166		Crippen Method
rinpol	2911.00		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=U367507&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/49-568-8/Silane-diphenyldodecyloxy-4-heptyloxy.pdf>

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