

Silane, diphenyl(2-decyloxy)dodecyloxy-

Inchi: InChI=1S/C34H56O2Si/c1-4-6-8-10-12-13-14-15-17-25-31-35-37(33-27-21-18-22-28-33,
InchiKey: GVUBMVVWXGNSHI-UHFFFAOYSA-N
Formula: C34H56O2Si
SMILES: CCCCCCCCCCO[Si](OC(C)CCCCCCC)(c1cccc1)c1cccc1
Mol. weight [g/mol]: 524.89

Physical Properties

Property code	Value	Unit	Source
log10ws	-17.14		Crippen Method
logp	9.336		Crippen Method
rinpol	3247.00		NIST Webbook

Sources

Crippen Method: https://www.chemeo.com/doc/models/crippen_log10ws
NIST Webbook: <http://webbook.nist.gov/cgi/cbook.cgi?ID=U367590&Units=SI>
Crippen Method: <http://pubs.acs.org/doi/abs/10.1021/ci9903071>

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/40-165-4/Silane-diphenyl-2-decyloxy-dodecyloxy.pdf>

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