

Silane, diphenyl(hex-2-yloxy)tridecyloxy-

Inchi: InChI=1S/C31H50O2Si/c1-4-6-8-9-10-11-12-13-14-15-22-28-32-34(30-24-18-16-19-25-31)OC(C)CCCC
InchiKey: ILZXJEASMO LMBM-UHFFFAOYSA-N
Formula: C₃₁H₅₀O₂Si
SMILES: CCCCCCCCCCCCCO[Si](OC(C)CCCC)(c1ccccc1)c1ccccc1
Mol. weight [g/mol]: 482.81

Physical Properties

Property code	Value	Unit	Source
log10ws	-15.88		Crippen Method
logp	8.166		Crippen Method
rinpol	2973.00		NIST Webbook
rinpol	2973.00		NIST Webbook

Sources

NIST Webbook: <http://webbook.nist.gov/cgi/cbook.cgi?ID=U367701&Units=SI>
Crippen Method: <http://pubs.acs.org/doi/abs/10.1021/ci9903071>
Crippen Method: https://www.cheméo.com/doc/models/crippen_log10ws

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.cheméo.com/cid/16-304-6/Silane-diphenyl-hex-2-yloxy-tridecyloxy.pdf>

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