

Silane, diphenyl(3,3-dimethylbut-2-yloxy)hexadecyloxy-

Inchi: InChI=1S/C34H56O2Si/c1-6-7-8-9-10-11-12-13-14-15-16-17-18-25-30-35-37(32-26-21-1

InchiKey: RQAAJHYBSKPWRN-UHFFFAOYSA-N

Formula: C34H56O2Si

SMILES: CCCCCCCCCCCCCCO[Si](OC(C)C(C)(C)C)(c1ccccc1)c1ccccc1

Mol. weight [g/mol]: 524.89

Physical Properties

Property code	Value	Unit	Source
log10ws	-16.90		Crippen Method
logp	9.192		Crippen Method
rinpol	3262.00		NIST Webbook
rinpol	3262.00		NIST Webbook

Sources

NIST Webbook: <http://webbook.nist.gov/cgi/cbook.cgi?ID=U367686&Units=SI>

Crippen Method: <http://pubs.acs.org/doi/abs/10.1021/ci990307l>

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

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