

Silane, diphenyl(2,4-dimethylpent-3-yloxy)heptadecyloxy

Inchi: InChI=1S/C36H60O2Si/c1-6-7-8-9-10-11-12-13-14-15-16-17-18-19-26-31-37-39(34-27-28-30-32-33-35-36)/1,2
InchiKey: FCQBGMKUVPJFNT-UHFFFAOYSA-N
Formula: C36H60O2Si
SMILES: CCCCCCCCCCCCCCCCCO[Si](OC(C(C)C)C(C)C)(c1ccccc1)c1ccccc1
Mol. weight [g/mol]: 552.95

Physical Properties

Property code	Value	Unit	Source
log10ws	-17.49		Crippen Method
logp	9.828		Crippen Method
rinpol	3441.00		NIST Webbook

Sources

Crippen Method: <http://pubs.acs.org/doi/abs/10.1021/ci990307l>
Crippen Method: https://www.chemeo.com/doc/models/crippen_log10ws
NIST Webbook: <http://webbook.nist.gov/cgi/cbook.cgi?ID=U367540&Units=SI>

Legend

log10ws: Log10 of Water solubility in mol/l
logp: Octanol/Water partition coefficient
rinpol: Non-polar retention indices

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<https://www.chemeo.com/cid/47-117-0/Silane-diphenyl-2-4-dimethylpent-3-yloxy-heptadecyloxy.pdf>

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