

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

Inchi: InChI=1S/C34H56O2Si/c1-6-7-8-9-10-11-12-13-14-15-16-17-24-29-35-37(32-25-20-18-2
InchiKey: ZSSZQZFTRWDBNR-UHFFFAOYSA-N
Formula: C34H56O2Si
SMILES: CCCCCCCCCCCCCCO[Si](OC(C(C)C)C(C)C)(c1ccccc1)c1ccccc1
Mol. weight [g/mol]: 524.89

Physical Properties

Property code	Value	Unit	Source
log10ws	-16.65		Crippen Method
logp	9.048		Crippen Method
rinpol	3231.00		NIST Webbook

Sources

NIST Webbook: <http://webbook.nist.gov/cgi/cbook.cgi?ID=U367538&Units=SI>
Crippen Method: <http://pubs.acs.org/doi/abs/10.1021/ci990307l>
Crippen Method: https://www.chemeo.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.chemeo.com/cid/30-116-9/Silane-diphenyl-2-4-dimethylpent-3-yloxy-pentadecyloxy.pdf>

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