Silane, diphenyltetradecyloxy(trans-4-methylcyclohexylo

Inchi: InChI=1S/C33H52O2Si/c1-3-4-5-6-7-8-9-10-11-12-13-20-29-34-36(32-21-16-14-17-22-32

InchiKey: NGSDNQPXYXJRQW-UHFFFAOYSA-N

Formula: C33H52O2Si

SMILES: CCCCCCCCCCCCCCO[Si](OC1CCC(C)CC1)(c1ccccc1)c1ccccc1

Mol. weight [g/mol]: 508.85

Physical Properties

Property code	Value	Unit	Source
log10ws	-16.37		Crippen Method
logp	8.556		Crippen Method
rinpol	3332.00		NIST Webbook
rinpol	3332.00		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=U367765&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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