

Silane, diphenyl(4-heptyloxy)tridecyloxy-

Inchi: InChI=1S/C32H52O2Si/c1-4-7-8-9-10-11-12-13-14-15-22-29-33-35(31-25-18-16-19-26-30)
InchiKey: URUATLVGYRFPQG-UHFFFAOYSA-N
Formula: C32H52O2Si
SMILES: CCCCCCCCCCCCCO[Si](OC(CCC)CCC)(c1ccccc1)c1ccccc1
Mol. weight [g/mol]: 496.84

Physical Properties

Property code	Value	Unit	Source
log10ws	-16.30		Crippen Method
logp	8.556		Crippen Method
rinpol	3020.00		NIST Webbook

Sources

Crippen Method: <http://pubs.acs.org/doi/abs/10.1021/ci990307l>
Crippen Method: https://www.cheméo.com/doc/models/crippen_log10ws
NIST Webbook: <http://webbook.nist.gov/cgi/cbook.cgi?ID=U367508&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.cheméo.com/cid/44-204-6/Silane-diphenyl-4-heptyloxy-tridecyloxy.pdf>

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