

Silane, diphenyl(4-heptyloxy)hexadecyloxy-

Inchi: InChI=1S/C35H58O2Si/c1-4-7-8-9-10-11-12-13-14-15-16-17-18-25-32-36-38(34-28-21-1
InchiKey: SQSVCDAHZFQGCX-UHFFFAOYSA-N
Formula: C35H58O2Si
SMILES: CCCCCCCCCCCCCCO[Si](OC(CCC)CCC)(c1ccccc1)c1ccccc1
Mol. weight [g/mol]: 538.92

Physical Properties

Property code	Value	Unit	Source
log10ws	-17.56		Crippen Method
logp	9.726		Crippen Method
rinpol	3325.00		NIST Webbook
rinpol	3325.00		NIST Webbook

Sources

Crippen Method: https://www.chemeo.com/doc/models/crippen_log10ws
NIST Webbook: <http://webbook.nist.gov/cgi/cbook.cgi?ID=U367509&Units=SI>
Crippen Method: <http://pubs.acs.org/doi/abs/10.1021/ci990307l>

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/98-903-1/Silane-diphenyl-4-heptyloxy-hexadecyloxy.pdf>

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