

Silane, diphenyl(4-heptyloxy)octadecyloxy-

Inchi: InChI=1S/C37H62O2Si/c1-4-7-8-9-10-11-12-13-14-15-16-17-18-19-20-27-34-38-40(36-37)OC(CCC)CCC
InchiKey: IRHZWHDITXEFCS-UHFFFAOYSA-N
Formula: C37H62O2Si
SMILES: CCCCCCCCCCCCCCCCCO[Si](OC(CCC)CCC)(c1ccccc1)c1ccccc1
Mol. weight [g/mol]: 566.97

Physical Properties

Property code	Value	Unit	Source
log10ws	-18.39		Crippen Method
logp	10.506		Crippen Method
rinpol	3563.00		NIST Webbook

Sources

Crippen Method: <http://pubs.acs.org/doi/abs/10.1021/ci9903071>
Crippen Method: https://www.cheméo.com/doc/models/crippen_log10ws
NIST Webbook: <http://webbook.nist.gov/cgi/cbook.cgi?ID=U367511&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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