

Silane, diphenylheptadecyloxy(hex-3-yloxy)-

Inchi: InChI=1S/C35H58O2Si/c1-4-7-8-9-10-11-12-13-14-15-16-17-18-19-26-32-36-38(34-28-29-30-31-33-35)/Si1
InchiKey: HTKXZYVLVUGNSY-UHFFFAOYSA-N
Formula: C35H58O2Si
SMILES: CCCCCCCCCCCCCCCCCO[Si](OC(CC)CCC)(c1cccc1)c1cccc1
Mol. weight [g/mol]: 538.92

Physical Properties

Property code	Value	Unit	Source
log10ws	-17.56		Crippen Method
logp	9.726		Crippen Method
rinpol	3371.00		NIST Webbook
rinpol	3371.00		NIST Webbook

Sources

NIST Webbook: <http://webbook.nist.gov/cgi/cbook.cgi?ID=U367618&Units=SI>
Crippen Method: <http://pubs.acs.org/doi/abs/10.1021/ci9903071>
Crippen Method: https://www.cheméo.com/doc/models/crippen_log10ws

Legend

log10ws: Log10 of Water solubility in mol/l
logp: Octanol/Water partition coefficient
rinpol: Non-polar retention indices

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