

Silane, diphenylnonyloxy(tetradec-3-en-1-yloxy)-

Inchi: InChI=1S/C35H56O2Si/c1-3-5-7-9-11-12-13-14-15-17-19-27-33-37-38(34-28-22-20-23-24-25-26-29-31-32-35)/Si1
InchiKey: LIOXUFFCEFDMP-PTXNQAPBSA-N
Formula: C₃₅H₅₆O₂Si
SMILES: CCCCCCCCCC=CCCO[Si](CCCCCCCCC)(c1ccccc1)c1ccccc1
Mol. weight [g/mol]: 536.90

Physical Properties

Property code	Value	Unit	Source
log10ws	-17.30		Crippen Method
logp	9.504		Crippen Method
rinpol	3484.00		NIST Webbook
rinpol	3484.00		NIST Webbook

Sources

NIST Webbook: <http://webbook.nist.gov/cgi/cbook.cgi?ID=U367975&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

Latest version available from:

<https://www.cheméo.com/cid/98-908-6/Silane-diphenylnonyloxy-tetradec-3-en-1-yloxy.pdf>

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