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

Inchi: InChI=1S/C31H48O2Si/c1-3-5-7-8-9-10-11-12-13-14-15-23-29-33-34(32-28-22-6-4-2,30-

InchiKey: AFICHJKQHFSWEE-CCEZHUSRSA-N

Formula: C31H48O2Si

SMILES: CCCCCCCCCCC=CCCO[Si](OCCCCC)(c1ccccc1)c1ccccc1

Mol. weight [g/mol]: 480.80

Physical Properties

Property code	Value	Unit	Source
log10ws	-15.62		Crippen Method
logp	7.944		Crippen Method
rinpol	3104.00		NIST Webbook
rinpol	3104.00		NIST Webbook

Sources

NIST Webbook: http://webbook.nist.gov/cgi/cbook.cgi?ID=U367971&Units=SI

Crippen Method: http://pubs.acs.org/doi/abs/10.1021/ci990307l

Crippen Method: https://www.chemeo.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.chemeo.com/cid/12-630-8/Silane-diphenylpentyloxy-tetradec-3-en-1-yloxy.pdf

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