

Silane, diphenyldecyloxy(non-5-yn-3-yloxy)-

Inchi: InChI=1S/C31H46O2Si/c1-4-7-9-11-12-13-14-22-28-32-34(30-24-18-15-19-25-30,31-26-
InchiKey: YLLHOKBVCZDICP-UHFFFAOYSA-N
Formula: C31H46O2Si
SMILES: CCCC#CCC(CC)O[Si](OCCCCCCCCC)(c1cccc1)c1cccc1
Mol. weight [g/mol]: 478.78

Physical Properties

Property code	Value	Unit	Source
log10ws	-15.68		Crippen Method
logp	7.389		Crippen Method
rinpol	2947.00		NIST Webbook
rinpol	2947.00		NIST Webbook

Sources

Crippen Method: <http://pubs.acs.org/doi/abs/10.1021/ci9903071>
Crippen Method: https://www.chemeo.com/doc/models/crippen_log10ws
NIST Webbook: <http://webbook.nist.gov/cgi/cbook.cgi?ID=U367775&Units=SI>

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/17-746-5/Silane-diphenyldecyloxy-non-5-yn-3-yloxy.pdf>

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