

Silane, diphenyl(dodec-9-yn-1-yloxy)heptyloxy-

Inchi: InChI=1S/C31H46O2Si/c1-3-5-7-9-10-11-12-13-15-23-29-33-34(30-24-18-16-19-25-30,3
InchiKey: QXSHZWVPUJDHII-UHFFFAOYSA-N
Formula: C31H46O2Si
SMILES: CCC#CCCCCCCCO[Si](OCCCCCC)(c1ccccc1)c1ccccc1
Mol. weight [g/mol]: 478.78

Physical Properties

Property code	Value	Unit	Source
log10ws	-15.56		Crippen Method
logp	7.391		Crippen Method
rinpol	3131.00		NIST Webbook

Sources

NIST Webbook: <http://webbook.nist.gov/cgi/cbook.cgi?ID=U367749&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/41-303-9/Silane-diphenyl-dodec-9-yn-1-yloxy-heptyloxy.pdf>

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