

# Silane, diphenyl(non-5-yn-3-yloxy)undecyloxy-

**Inchi:** InChI=1S/C32H48O2Si/c1-4-7-9-11-12-13-14-15-23-29-33-35(31-25-19-16-20-26-31,32-35)/O1C#CCO[Si](CCCCCCCCCCC)(c1ccccc1)c1ccccc1  
**InchiKey:** BUOLBZMIAXGVTA-UHFFFAOYSA-N  
**Formula:** C32H48O2Si  
**SMILES:** CCCC#CCC(CC)O[Si](CCCCCCCCCCC)(c1ccccc1)c1ccccc1  
**Mol. weight [g/mol]:** 492.81

## Physical Properties

Property code	Value	Unit	Source
log10ws	-16.10		Crippen Method
logp	7.779		Crippen Method
rinpol	3051.00		NIST Webbook
rinpol	3051.00		NIST Webbook

## Sources

**NIST Webbook:** <http://webbook.nist.gov/cgi/cbook.cgi?ID=U367776&Units=SI>  
**Crippen Method:** <http://pubs.acs.org/doi/abs/10.1021/ci9903071>  
**Crippen Method:** [https://www.cheméo.com/doc/models/crippen\\_log10ws](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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