

# Silane, diphenyl(4-nitrophenoxy)nonyloxy-

**Inchi:** InChI=1S/C27H33NO4Si/c1-2-3-4-5-6-7-14-23-31-33(26-15-10-8-11-16-26,27-17-12-9-10)/1-27  
**InchiKey:** RGPAERDFZICOQY-UHFFFAOYSA-N  
**Formula:** C27H33NO4Si  
**SMILES:** CCCCCCCCCO[Si](Oc1ccc([N+](=O)[O-])cc1)(c1cccc1)c1cccc1  
**Mol. weight [g/mol]:** 463.64

## Physical Properties

Property code	Value	Unit	Source
log10ws	-14.50		Crippen Method
logp	5.997		Crippen Method
rinpol	3243.00		NIST Webbook
rinpol	3243.00		NIST Webbook

## Sources

**Crippen Method:** [https://www.chemeo.com/doc/models/crippen\\_log10ws](https://www.chemeo.com/doc/models/crippen_log10ws)  
**NIST Webbook:** <http://webbook.nist.gov/cgi/cbook.cgi?ID=U367492&Units=SI>  
**Crippen Method:** <http://pubs.acs.org/doi/abs/10.1021/ci990307l>

## 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/91-401-5/Silane-diphenyl-4-nitrophenoxy-nonyloxy.pdf>

Generated by Cheméo on 2024-04-29 01:35:56.534625152 +0000 UTC m=+16643805.455202465.

Cheméo (<https://www.chemeo.com>) is the biggest free database of chemical and physical data for the process industry.