

# Silane, dimethyl(2-nitrophenoxy)nonyloxy-

**Inchi:** InChI=1S/C17H29NO4Si/c1-4-5-6-7-8-9-12-15-21-23(2,3)22-17-14-11-10-13-16(17)18(19)20  
**InchiKey:** MKXHACHCLTTXKG-UHFFFAOYSA-N  
**Formula:** C17H29NO4Si  
**SMILES:** CCCCCCCCCO[Si](C)(C)Oc1ccccc1[N+](=O)[O-]  
**Mol. weight [g/mol]:** 339.50

## Physical Properties

Property code	Value	Unit	Source
log10ws	-4.15		Crippen Method
logp	5.443		Crippen Method
rinpol	2200.00		NIST Webbook
rinpol	2200.00		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=U347235&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/114-695-4/Silane-dimethyl-2-nitrophenoxy-nonyloxy.pdf>

Generated by Cheméo on 2025-12-05 15:14:31.130766831 +0000 UTC m=+4695868.660807522.

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