

# Silane, dimethyl(dimethyl(4-nitrophenoxy)silyloxy)(4-nitro

**Inchi:** InChI=1S/C16H20N2O7Si2/c1-26(2,23-15-9-5-13(6-10-15)17(19)20)25-27(3,4)24-16-11-  
**InchiKey:** SEKNDODLAGJKPX-UHFFFAOYSA-N  
**Formula:** C16H20N2O7Si2  
**SMILES:** C[Si](C)(Oc1ccc([N+](=O)[O-])cc1)O[Si](C)(C)Oc1ccc([N+](=O)[O-])cc1  
**Mol. weight [g/mol]:** 408.51

## Physical Properties

Property code	Value	Unit	Source
log10ws	-1.85		Crippen Method
logp	4.381		Crippen Method
rinpol	2811.00		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=U347161&Units=SI>  
**Crippen Method:** <http://pubs.acs.org/doi/abs/10.1021/ci9903071>

## Legend

**log10ws:** Log10 of Water solubility in mol/l  
**logp:** Octanol/Water partition coefficient  
**rinpol:** Non-polar retention indices

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