

# Silane, diethyldi(3-nitrophenoxy)-

**Inchi:** InChI=1S/C16H18N2O6Si/c1-3-25(4-2,23-15-9-5-7-13(11-15)17(19)20)24-16-10-6-8-14(  
**InchiKey:** PODGASNZBNCHNM-UHFFFAOYSA-N  
**Formula:** C16H18N2O6Si  
**SMILES:** CC[Si](CC)(Oc1cccc([N+](=O)[O-])c1)Oc1cccc([N+](=O)[O-])c1  
**Mol. weight [g/mol]:** 362.41

## Physical Properties

Property code	Value	Unit	Source
log10ws	-4.13		Crippen Method
logp	4.443		Crippen Method
rinpol	2717.00		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=U363239&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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<https://www.chemeo.com/cid/64-730-0/Silane-diethyldi-3-nitrophenoxy.pdf>

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