

# Silane, dimethyl(2-nitrophenoxy)ethoxy-

**Inchi:** InChI=1S/C10H15NO4Si/c1-4-14-16(2,3)15-10-8-6-5-7-9(10)11(12)13/h5-8H,4H2,1-3H3  
**InchiKey:** ALQPGLHYIPWTAR-UHFFFAOYSA-N  
**Formula:** C10H15NO4Si  
**SMILES:** CCO[Si](C)(C)Oc1cccc1[N+](=O)[O-]  
**Mol. weight [g/mol]:** 241.32

## Physical Properties

Property code	Value	Unit	Source
log10ws	-1.22		Crippen Method
logp	2.712		Crippen Method
rinpol	1524.00		NIST Webbook
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## 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=U347226&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

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<https://www.chemeo.com/cid/113-656-8/Silane-dimethyl-2-nitrophenoxy-ethoxy.pdf>

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