

# Silane, dimethyl(4-cyanophenoxy)isobutoxy-

**Inchi:** InChI=1S/C13H19NO2Si/c1-11(2)10-15-17(3,4)16-13-7-5-12(9-14)6-8-13/h5-8,11H,10H2  
**InchiKey:** ZYSNQWXVBUDPPT-UHFFFAOYSA-N  
**Formula:** C13H19NO2Si  
**SMILES:** CC(C)CO[Si](C)(C)Oc1ccc(C#N)cc1  
**Mol. weight [g/mol]:** 249.38

## Physical Properties

Property code	Value	Unit	Source
log10ws	-1.52		Crippen Method
logp	3.311		Crippen Method
rinpol	1660.00		NIST Webbook
rinpol	1660.00		NIST Webbook

## Sources

**Crippen Method:** <http://pubs.acs.org/doi/abs/10.1021/ci9903071>  
**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=U347097&Units=SI>

## 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/114-219-2/Silane-dimethyl-4-cyanophenoxy-isobutoxy.pdf>

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