

# Silane, dimethyl(4-cyanophenoxy)hexadecyloxy-

**Inchi:** InChI=1S/C25H43NO2Si/c1-4-5-6-7-8-9-10-11-12-13-14-15-16-17-22-27-29(2,3)28-25-20  
**InchiKey:** FQKOUJPBJTZPXCW-UHFFFAOYSA-N  
**Formula:** C25H43NO2Si  
**SMILES:** CCCCCCCCCCCCCCO[Si](C)(C)Oc1ccc(C#N)cc1  
**Mol. weight [g/mol]:** 417.70

## Physical Properties

Property code	Value	Unit	Source
log10ws	-6.78		Crippen Method
logp	8.137		Crippen Method
rinpol	2902.00		NIST Webbook
rinpol	2902.00		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=U347102&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/122-989-9/Silane-dimethyl-4-cyanophenoxy-hexadecyloxy.pdf>

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