

# Silane, dimethyl(4-cyanophenoxy)heptadecyloxy-

**Inchi:** InChI=1S/C26H45NO2Si/c1-4-5-6-7-8-9-10-11-12-13-14-15-16-17-18-23-28-30(2,3)29-2  
**InchiKey:** IIGADLFJHAWDFH-UHFFFAOYSA-N  
**Formula:** C26H45NO2Si  
**SMILES:** CCCCCCCCCCCCCCCCCO[Si](C)(C)Oc1ccc(C#N)cc1  
**Mol. weight [g/mol]:** 431.73

## Physical Properties

Property code	Value	Unit	Source
log10ws	-7.20		Crippen Method
logp	8.527		Crippen Method
rinpol	3006.00		NIST Webbook
rinpol	3006.00		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=U347103&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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