

# 2-(3-Cyanopropyl)dimethylsilyloxynaphthalene

**Inchi:** InChI=1S/C16H19NOSi/c1-19(2,12-6-5-11-17)18-16-10-9-14-7-3-4-8-15(14)13-16/h3-4,7  
**InchiKey:** UPTPXTWKULBDPC-UHFFFAOYSA-N  
**Formula:** C16H19NOSi  
**SMILES:** C[Si](C)(CCCC#N)Oc1ccc2ccccc2c1  
**Mol. weight [g/mol]:** 269.41

## Physical Properties

Property code	Value	Unit	Source
log10ws	-3.41		Crippen Method
logp	4.727		Crippen Method
rinpol	2131.00		NIST Webbook
rinpol	2131.00		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=U307935&Units=SI>

## Legend

**log10ws:** Log10 of Water solubility in mol/l  
**logp:** Octanol/Water partition coefficient  
**rinpol:** Non-polar retention indices

Latest version available from:

<https://www.chemeo.com/cid/82-254-9/2-3-Cyanopropyl-dimethylsilyloxynaphthalene.pdf>

Generated by Cheméo on 2024-04-28 17:14:14.286104613 +0000 UTC m=+16613703.206681928.

Cheméo (<https://www.chemeo.com>) is the biggest free database of chemical and physical data for the process industry.