

# 2-Pentanol, (3-cyanopropyl)dimethylsilyl ether

**Inchi:** InChI=1S/C11H23NOSi/c1-5-8-11(2)13-14(3,4)10-7-6-9-12/h11H,5-8,10H2,1-4H3  
**InchiKey:** IYLFWVAILKVDGS-UHFFFAOYSA-N  
**Formula:** C11H23NOSi  
**SMILES:** CCCC(C)O[Si](C)(C)CCCC#N  
**Mol. weight [g/mol]:** 213.39

## Physical Properties

Property code	Value	Unit	Source
log10ws	-1.54		Crippen Method
logp	3.700		Crippen Method
rinpol	1375.00		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=U375572&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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