

# 4,4-Dimethyl-2-pentanol, (3-cyanopropyl)dimethylsilyl ether

**Inchi:** InChI=1S/C13H27NOSi/c1-12(11-13(2,3)4)15-16(5,6)10-8-7-9-14/h12H,7-8,10-11H2,1-6  
**InchiKey:** GSDZQULCYNTBOI-UHFFFAOYSA-N  
**Formula:** C13H27NOSi  
**SMILES:** CC(CC(C)(C)C)O[Si](C)(C)CCCC#N  
**Mol. weight [g/mol]:** 241.45

## Physical Properties

Property code	Value	Unit	Source
log10ws	-2.14		Crippen Method
logp	4.337		Crippen Method
rinpol	1496.00		NIST Webbook

## Sources

**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=U376054&Units=SI>  
**Crippen Method:** <http://pubs.acs.org/doi/abs/10.1021/ci9903071>

## Legend

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

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