

# 4-Methylvaleric acid, (3-cyanopropyl)dimethylsilyl ester

**Inchi:** InChI=1S/C12H23NO2Si/c1-11(2)7-8-12(14)15-16(3,4)10-6-5-9-13/h11H,5-8,10H2,1-4H3  
**InchiKey:** ZQXFGJXNWINLMS-UHFFFAOYSA-N  
**Formula:** C12H23NO2Si  
**SMILES:** CC(C)CCC(=O)O[Si](C)(C)CCCC#N  
**Mol. weight [g/mol]:** 241.40

## Physical Properties

Property code	Value	Unit	Source
log10ws	-1.38		Crippen Method
logp	3.475		Crippen Method
rinpol	1569.00		NIST Webbook
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## 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=U375588&Units=SI>  
**Crippen Method:** <http://pubs.acs.org/doi/abs/10.1021/ci990307l>

## Legend

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

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