

# 4-Methylvaleric acid, benzyldimethylsilyl ester

**Inchi:** InChI=1S/C15H24O2Si/c1-13(2)10-11-15(16)17-18(3,4)12-14-8-6-5-7-9-14/h5-9,13H,10-  
**InchiKey:** RQWYFKWIIHFMSK-UHFFFAOYSA-N  
**Formula:** C15H24O2Si  
**SMILES:** CC(C)CCC(=O)O[Si](C)(C)Cc1ccccc1  
**Mol. weight [g/mol]:** 264.44

## Physical Properties

Property code	Value	Unit	Source
log10ws	-1.96		Crippen Method
logp	3.953		Crippen Method
rinpol	1648.00		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=U375587&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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