

# 3-Methyl-3-pentanol, trimethylsilyl ether

**Inchi:** InChI=1S/C9H22OSi/c1-7-9(3,8-2)10-11(4,5)6/h7-8H2,1-6H3  
**InchiKey:** DONNFOFXHHGKNH-UHFFFAOYSA-N  
**Formula:** C9H22OSi  
**SMILES:** CCC(C)(CC)O[Si](C)(C)C  
**Mol. weight [g/mol]:** 174.36

## Physical Properties

Property code	Value	Unit	Source
log10ws	-0.84		Crippen Method
logp	3.417		Crippen Method
rinpol	903.90		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=U333310&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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