

# 1-Propanol, 1-(4-methylphenyl), 2-(1-pyrrolidinyl), TMS

**Inchi:** InChI=1S/C17H29NOSi/c1-14-8-10-16(11-9-14)17(19-20(3,4)5)15(2)18-12-6-7-13-18/h8-17  
**InchiKey:** GHMOUVVZNFVWGP-NUHFFFAOYSA-N  
**Formula:** C<sub>17</sub>H<sub>29</sub>NOSi  
**SMILES:** Cc1ccc(C(O[Si](C)(C)C)C(C)N2CCCC2)cc1  
**Mol. weight [g/mol]:** 291.50

## Physical Properties

Property code	Value	Unit	Source
log10ws	-2.27		Crippen Method
logp	4.372		Crippen Method
rinpol	1730.00		NIST Webbook
rinpol	1730.00		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=R404245&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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<https://www.chemeo.com/cid/49-557-0/1-Propanol-1-4-methylphenyl-2-1-pyrrolidinyl-TMS.pdf>

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