

# Propofol, trimethylsilyl ether

**Inchi:** InChI=1S/C15H26OSi/c1-11(2)13-9-8-10-14(12(3)4)15(13)16-17(5,6)7/h8-12H,1-7H3  
**InchiKey:** HFXPVIJMODWJMO-UHFFFAOYSA-N  
**Formula:** C15H26OSi  
**SMILES:** CC(C)c1cccc(C(C)C)c1O[Si](C)(C)C  
**Mol. weight [g/mol]:** 250.45

## Physical Properties

Property code	Value	Unit	Source
log10ws	-2.85		Crippen Method
logp	5.147		Crippen Method
rinpol	1392.60		NIST Webbook

## Sources

**Crippen Method:** <http://pubs.acs.org/doi/abs/10.1021/ci990307l>  
**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=U417176&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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