

# 2-(2-Isopentoxyethoxy)ethyl TMS ether

**Inchi:** InChI=1S/C12H28O3Si/c1-12(2)6-7-13-8-9-14-10-11-15-16(3,4)5/h12H,6-11H2,1-5H3  
**InchiKey:** VLOASOHL DZSBJQ-UHFFFAOYSA-N  
**Formula:** C12H28O3Si  
**SMILES:** CC(C)CCOCCOCCO[Si](C)(C)C  
**Mol. weight [g/mol]:** 248.43

## Physical Properties

Property code	Value	Unit	Source
log10ws	0.08		Crippen Method
logp	2.917		Crippen Method
rinsol	1403.60		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=R188755&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  
**rinsol:** Non-polar retention indices

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<https://www.chemeo.com/cid/49-862-1/2-2-Isopentoxyethoxy-ethyl-TMS-ether.pdf>

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