

# 2-Isobutoxyethyl TMS ether

**Inchi:** InChI=1S/C9H22O2Si/c1-9(2)8-10-6-7-11-12(3,4)5/h9H,6-8H2,1-5H3  
**InchiKey:** XAQOFJVLFDJBOT-UHFFFAOYSA-N  
**Formula:** C9H22O2Si  
**SMILES:** CC(C)COCCO[Si](C)(C)C  
**Mol. weight [g/mol]:** 190.36

## Physical Properties

Property code	Value	Unit	Source
log10ws	0.43		Crippen Method
logp	2.510		Crippen Method
rinpol	1012.40		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=R188839&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/39-438-3/2-Isobutoxyethyl-TMS-ether.pdf>

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