

# 3-Methyl-3-butenyl (E)-isoferulate, TMS

**Inchi:** InChI=1S/C18H26O4Si/c1-14(2)11-12-21-18(19)10-8-15-7-9-16(20-3)17(13-15)22-23(4,5)  
**InchiKey:** OZTHLSQTDQXSNC-CSKARUKUSA-N  
**Formula:** C18H26O4Si  
**SMILES:** C=C(C)CCOC(=O)C=Cc1ccc(OC)c(O[Si](C)(C)C)c1  
**Mol. weight [g/mol]:** 334.48

## Physical Properties

Property code	Value	Unit	Source
log10ws	-2.65		Crippen Method
logp	4.432		Crippen Method
rinpol	2263.00		NIST Webbook
rinpol	2263.00		NIST Webbook

## Sources

**NIST Webbook:** <http://webbook.nist.gov/cgi/cbook.cgi?ID=R42255&Units=SI>  
**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)

## Legend

**log10ws:** Log10 of Water solubility in mol/l  
**logp:** Octanol/Water partition coefficient  
**rinpol:** Non-polar retention indices

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