

# (E,E)-Muconic acid, TBDMS

**Inchi:** InChI=1S/C18H34O4Si2/c1-17(2,3)23(7,8)21-15(19)13-11-12-14-16(20)22-24(9,10)18(4,  
**InchiKey:** UEVTVJOCSSAMKD-PHEQNACWSA-N  
**Formula:** C18H34O4Si2  
**SMILES:** CC(C)(C)[Si](C)(C)OC(=O)C=CC=CC(=O)O[Si](C)(C)C(C)(C)C  
**Mol. weight [g/mol]:** 370.63

## Physical Properties

Property code	Value	Unit	Source
log10ws	-0.89		Crippen Method
logp	5.196		Crippen Method
rinpol	2095.00		NIST Webbook

## Sources

**Crippen Method:** <http://pubs.acs.org/doi/abs/10.1021/ci9903071>  
**Crippen Method:** [https://www.cheméo.com/doc/models/crippen\\_log10ws](https://www.cheméo.com/doc/models/crippen_log10ws)  
**NIST Webbook:** <http://webbook.nist.gov/cgi/cbook.cgi?ID=R564228&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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