

# 1,2-Ethanediol, 1-(3,4-dihydroxyphenyl), bis-DTBS

**Inchi:** InChI=1S/C24H42O4Si2/c1-21(2,3)29(22(4,5)6)25-16-20(28-29)17-13-14-18-19(15-17)2  
**InchiKey:** XBDPEQALEOHOLT-UHFFFAOYSA-N  
**Formula:** C24H42O4Si2  
**SMILES:** CC(C)(C)[Si]1(C(C)(C)C)Oc2ccc(C3CO[Si](C(C)(C)C)(C(C)(C)C)O3)cc2O1  
**Mol. weight [g/mol]:** 450.76

## Physical Properties

Property code	Value	Unit	Source
log10ws	-4.06		Crippen Method
logp	7.630		Crippen Method
rinpol	2465.00		NIST Webbook
rinpol	2465.00		NIST Webbook

## Sources

**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)  
**NIST Webbook:** <http://webbook.nist.gov/cgi/cbook.cgi?ID=R41039&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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