

# cis-Resveratrol, 3TMS

**Inchi:** InChI=1S/C23H36O3Si3/c1-27(2,3)24-21-14-12-19(13-15-21)10-11-20-16-22(25-28(4,5))  
**InchiKey:** OYEDQJUIBMBCRH-KHPPLWFESA-N  
**Formula:** C23H36O3Si3  
**SMILES:** C[Si](C)(C)Oc1ccc(C=Cc2cc(O[Si](C)(C)C)cc(O[Si](C)(C)C)c2)cc1  
**Mol. weight [g/mol]:** 444.79

## Physical Properties

Property code	Value	Unit	Source
log10ws	-1.10		Crippen Method
logp	7.498		Crippen Method
rinpol	2387.90		NIST Webbook
rinpol	2387.90		NIST Webbook

## Sources

**NIST Webbook:** <http://webbook.nist.gov/cgi/cbook.cgi?ID=U414024&Units=SI>  
**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)

## Legend

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

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