

# Hesperetin, TMS

**Inchi:** InChI=1S/C25H38O6Si3/c1-27-20-12-11-17(13-22(20)30-33(5,6)7)21-16-19(26)25-23(28)  
**InchiKey:** IZQJRHUPCALGSH-OAQYLSRUSA-N  
**Formula:** C25H38O6Si3  
**SMILES:** COc1ccc(C2CC(=O)c3c(cc(O[Si](C)(C)C)cc3O[Si](C)(C)C)O2)cc1O[Si](C)(C)C  
**Mol. weight [g/mol]:** 518.82

## Physical Properties

Property code	Value	Unit	Source
log10ws	-1.36		Crippen Method
logp	7.043		Crippen Method
rinpol	2922.00		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=R579572&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/67-397-8/Hesperetin-TMS.pdf>

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