

# Kaempferid, TMS

**Inchi:** InChI=1S/C25H36O6Si3/c1-27-18-13-11-17(12-14-18)24-25(31-34(8,9)10)23(26)22-20(2  
**InchiKey:** VOXJEODLNOWEJQ-UHFFFAOYSA-N  
**Formula:** C25H36O6Si3  
**SMILES:** COc1ccc(-c2oc3cc(O[Si](C)(C)C)cc(O[Si](C)(C)C)c3c(=O)c2O[Si](C)(C)C)cc1  
**Mol. weight [g/mol]:** 516.81

## Physical Properties

| Property code | Value   | Unit | Source         |
|---------------|---------|------|----------------|
| log10ws       | -6.18   |      | Crippen Method |
| logp          | 7.110   |      | Crippen Method |
| rinpol        | 2737.00 |      | NIST Webbook   |

## Sources

**NIST Webbook:** <http://webbook.nist.gov/cgi/cbook.cgi?ID=R579592&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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<https://www.chemeo.com/cid/57-980-1/Kaempferid-TMS.pdf>

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