

# Wogonin, TMS

**Inchi:** InChI=1S/C22H28O5Si2/c1-24-21-19(27-29(5,6)7)14-18(26-28(2,3)4)20-16(23)13-17(25)  
**InchiKey:** ZEXDCBIOLXVMKA-UHFFFAOYSA-N  
**Formula:** C22H28O5Si2  
**SMILES:** COc1c(O[Si](C)(C)C)cc(O[Si](C)(C)C)c2c(=O)cc(-c3ccccc3)oc12  
**Mol. weight [g/mol]:** 428.63

## Physical Properties

| Property code | Value   | Unit | Source         |
|---------------|---------|------|----------------|
| log10ws       | -7.17   |      | Crippen Method |
| logp          | 5.896   |      | Crippen Method |
| rinpol        | 2753.00 |      | NIST Webbook   |
| rinpol        | 2753.00 |      | 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=R948&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/31-844-0/Wogonin-TMS.pdf>

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