

# Dihydrodaidzein (keto) di-7,4'-d9-TMS

**Inchi:** InChI=1S/C21H28O4Si2/c1-26(2,3)24-16-9-7-15(8-10-16)19-14-23-20-13-17(25-27(4,5)6)  
**InchiKey:** BQBZSNNYTOGRTC-UHFFFAOYSA-N  
**Formula:** C<sub>21</sub>H<sub>28</sub>O<sub>4</sub>Si<sub>2</sub>  
**SMILES:** C[Si](C)(C)Oc1ccc(C2COc3cc(O[Si](C)(C)C)ccc3C2=O)cc1  
**Mol. weight [g/mol]:** 400.62

## Physical Properties

Property code	Value	Unit	Source
log10ws	-1.74		Crippen Method
logp	5.473		Crippen Method
rinpol	2650.00		NIST Webbook
rinpol	2650.00		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=R261484&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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