

# Dihydrodaidzein (keto) mono-7-d9-TMS

**Inchi:** InChI=1S/C18H20O4Si/c1-23(2,3)22-14-8-9-15-17(10-14)21-11-16(18(15)20)12-4-6-13(1)  
**InchiKey:** SWSCWDPLXNKSSP-UHFFFAOYSA-N  
**Formula:** C18H20O4Si  
**SMILES:** C[Si](C)(C)Oc1ccc2c(c1)OCC(c1ccc(O)cc1)C2=O  
**Mol. weight [g/mol]:** 328.43

## Physical Properties

Property code	Value	Unit	Source
log10ws	-2.28		Crippen Method
logp	3.965		Crippen Method
rinpol	2658.00		NIST Webbook
rinpol	2658.00		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=R261499&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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