

# Dihydrogenistein (keto), TMS

**Inchi:** InChI=1S/C24H36O5Si3/c1-30(2,3)27-18-12-10-17(11-13-18)20-16-26-21-14-19(28-31(4  
**InchiKey:** QKMATGHNSYXNEH-UHFFFAOYSA-N  
**Formula:** C24H36O5Si3  
**SMILES:** C[Si](C)(C)Oc1ccc(C2COc3cc(O[Si](C)(C)C)cc(O[Si](C)(C)C)c3C2=O)cc1  
**Mol. weight [g/mol]:** 488.80

## Physical Properties

Property code	Value	Unit	Source
log10ws	-0.75		Crippen Method
logp	6.687		Crippen Method
rinpol	2745.00		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=R320875&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/31-108-7/Dihydrogenistein-keto-TMS.pdf>

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