

# Dihydrogenistein (enol), TMS

**Inchi:** InChI=1S/C27H44O5Si4/c1-33(2,3)29-21-15-13-20(14-16-21)23-19-28-24-17-22(30-34(4  
**InchiKey:** LWULGJNSVIZUIP-UHFFFAOYSA-N  
**Formula:** C27H44O5Si4  
**SMILES:** C[Si](C)(C)OC1=C(c2ccc(O[Si](C)(C)C)cc2)COc2cc(O[Si](C)(C)C)cc(O[Si](C)(C)C)c21  
**Mol. weight [g/mol]:** 560.98

## Physical Properties

Property code	Value	Unit	Source
log10ws	-4.14e-03		Crippen Method
logp	8.440		Crippen Method
rinpol	2798.00		NIST Webbook
rinpol	2798.00		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=R320860&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/120-710-9/Dihydrogenistein-enol-TMS.pdf>

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