# 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
**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