

# Estrone, TMS

**Other names:** Oestrone (enol)-TMS  
**Inchi:** InChI=1S/C24H38O2Si2/c1-24-15-14-20-19-11-9-18(25-27(2,3)4)16-17(19)8-10-21(20)2  
**InchiKey:** OBDMQAFBIRYARE-XRCKSUEFSA-N  
**Formula:** C24H38O2Si2  
**SMILES:** CC12CCC3c4ccc(O[Si](C)(C)C)cc4CCC3C1CC=C2O[Si](C)(C)C  
**Mol. weight [g/mol]:** 414.73

## Physical Properties

Property code	Value	Unit	Source
log10ws	-3.10		Crippen Method
logp	7.102		Crippen Method
rinpol	2578.00		NIST Webbook
rinpol	2617.00		NIST Webbook
rinpol	2550.00		NIST Webbook
rinpol	2577.00		NIST Webbook
rinpol	2562.00		NIST Webbook
rinpol	2578.00		NIST Webbook
rinpol	2617.00		NIST Webbook
rinpol	2562.00		NIST Webbook

## Sources

**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=R166448&Units=SI>  
**Crippen Method:** <http://pubs.acs.org/doi/abs/10.1021/ci9903071>

## Legend

**log10ws:** Log10 of Water solubility in mol/l  
**logp:** Octanol/Water partition coefficient  
**rinpol:** Non-polar retention indices

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