

# (24R)-24-ethyl-5«alpha»-cholestan-3«beta»-ol (stigmastanol), DMESI

**Inchi:** InChI=1S/C33H62OSi/c1-10-25(23(3)4)13-12-24(5)29-16-17-30-28-15-14-26-22-27(34-3)  
**InchiKey:** QKBKXIJOTVHWAM-BGNIOPBFSA-N  
**Formula:** C33H62OSi  
**SMILES:** CCC(CCC(C)C1CCC2C3CCC4CC(O[Si](C)(C)CC)CCC4(C)C3CCC12C)C(C)C  
**Mol. weight [g/mol]:** 502.93

## Physical Properties

Property code	Value	Unit	Source
log10ws	-8.05		Crippen Method
logp	10.354		Crippen Method
rinpol	3473.00		NIST Webbook

## Sources

**NIST Webbook:** <http://webbook.nist.gov/cgi/cbook.cgi?ID=R279688&Units=SI>  
**Crippen Method:** <http://pubs.acs.org/doi/abs/10.1021/ci9903071>  
**Crippen Method:** [https://www.cheméo.com/doc/models/crippen\\_log10ws](https://www.cheméo.com/doc/models/crippen_log10ws)

## Legend

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

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