

5«alpha»-Stigmast-7-en-3«beta»-ol, TMS

Inchi: InChI=1S/C32H58OSi/c1-10-24(22(2)3)12-11-23(4)28-15-16-29-27-14-13-25-21-26(33-3)
InchiKey: XWRSVHDLABWPRW-XGJPJFCQSA-N
Formula: C32H58OSi
SMILES: CCC(CCC(C)C1CCC2C3=CCC4CC(O[Si](C)(C)C)CCC4(C)C3CCC21C)C(C)C
Mol. weight [g/mol]: 486.89

Physical Properties

Property code	Value	Unit	Source
log10ws	-7.72		Crippen Method
logp	9.884		Crippen Method
rinpol	3401.00		NIST Webbook
rinpol	3404.00		NIST Webbook
rinpol	3404.00		NIST Webbook
rinpol	3401.00		NIST Webbook

Sources

Crippen Method: <http://pubs.acs.org/doi/abs/10.1021/ci9903071>
Crippen Method: https://www.cheméo.com/doc/models/crippen_log10ws
NIST Webbook: <http://webbook.nist.gov/cgi/cbook.cgi?ID=R641088&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.cheméo.com/cid/86-200-4/5-alpha-Stigmast-7-en-3-beta-ol-TMS.pdf>

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