

3«alpha»,7«alpha»,12«alpha»-Trihydroxy-5«beta»-cholestan-2-one-28-yltrimethylsilane

Inchi: CC(C)(C)C1CCC2C3C(O[Si](C)(C)C)CC4CC(O[Si](C)(C)C)CCC4(C)C3CC(O[Si](C)(C)C)CC1
InchiKey: KSKHCXLSDLVZLY-CIEQHBNMSA-N
Formula: C₃₈H₇₆O₅Si₄
SMILES: CC(CCC(C)C1CCC2C3C(O[Si](C)(C)C)CC4CC(O[Si](C)(C)C)CCC4(C)C3CC(O[Si](C)(C)C)CC1
Mol. weight [g/mol]: 725.35

Physical Properties

Property code	Value	Unit	Source
log10ws	-1.80		Crippen Method
logp	10.956		Crippen Method
rinpol	3480.00		NIST Webbook
rinpol	3480.00		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=R271471&Units=SI>

Legend

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

Latest version available from:
<https://www.chemeo.com/cid/27-296-4/3-alpha-7-alpha-12-alpha-Trihydroxy-5-beta-cholestanoic-acid-MeTMS.pdf>
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