

Cholanic acid, 3«beta»,7«alpha»,12«beta»-trihydroxy, Me-DMES

InChI: InChI=1S/C37H72O5Si3/c1-14-43(8,9)40-28-21-22-36(5)27(23-28)24-32(41-44(10,11)15)
InChIKey: QIHGNFRQNAWOFU-PSAWKYDLA-N
Formula: C37H72O5Si3
SMILES: CC[Si](C)(C)OC1CCC2(C)C(C1)CC(O[Si](C)(C)CC)C1C2CC(O[Si](C)(C)CC)C2(C)C(C(C1)C)C1
Mol. weight [g/mol]: 681.22

Physical Properties

Property code	Value	Unit	Source
log10ws	-3.57		Crippen Method
logp	10.285		Crippen Method
rinpol	3512.00		NIST Webbook
ripol	3747.00		NIST Webbook

Sources

Crippen Method: https://www.chemeo.com/doc/models/crippen_log10ws
NIST Webbook: <http://webbook.nist.gov/cgi/cbook.cgi?ID=R534148&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
ripol: Polar retention indices

Latest version available from:

<https://www.chemeo.com/cid/12-411-1/Cholanic-acid-3-beta-7-alpha-12-beta-trihydroxy-Me-DMES.pdf>

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