

allo-Cholanic acid, 3«beta»,12«beta»-dihydroxy, Me-TMS

Other names:	3«beta»,12«beta»-Dihydroxy-5«alpha»-cholanic acid, methyl ester, TMS
Inchi:	InChI=1S/C31H58O4Si2/c1-21(11-16-29(32)33-4)25-14-15-26-24-13-12-22-19-23(34-36)
InchiKey:	RDYDEBUPRPMEHW-IDEWQHOHSA-N
Formula:	C31H58O4Si2
SMILES:	COC(=O)CCC(C)C1CCC2C3CCC4CC(O[Si](C)(C)C)CCC4(C)C3CC(O[Si](C)(C)C)C12C
Mol. weight [g/mol]:	550.96

Physical Properties

Property code	Value	Unit	Source
log10ws	-3.81		Crippen Method
logp	8.285		Crippen Method
rinpol	3298.00		NIST Webbook
rinpol	3298.00		NIST Webbook
rinpol	3298.00		NIST Webbook
ripol	3705.00		NIST Webbook
ripol	3705.00		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=R533556&Units=SI

Legend

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

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