

7-«alpha»-Hydroxycholesterol, TMS

Other names:	Cholesterol, 7«alpha»-hydroxy, TMS
Inchi:	InChI=1S/C33H64O2Si2/c1-23(2)13-12-14-24(3)27-15-16-28-31-29(18-20-33(27,28)5)32
InchiKey:	SABSXFHUKZVEMF-IMJPDBQSSA-N
Formula:	C33H64O2Si2
SMILES:	CC(C)CCCC(C)C1CCC2C3C(O[Si](C)(C)C)CC4CC(O[Si](C)(C)C)CCC4(C)C3CCC12C
Mol. weight [g/mol]:	549.03

Physical Properties

Property code	Value	Unit	Source
log10ws	-5.54		Crippen Method
logp	10.158		Crippen Method
rinpol	3115.00		NIST Webbook
rinpol	3104.00		NIST Webbook

Sources

Crippen Method:	http://pubs.acs.org/doi/abs/10.1021/ci9903071
Crippen Method:	https://www.chemeo.com/doc/models/crippen_log10ws
NIST Webbook:	http://webbook.nist.gov/cgi/cbook.cgi?ID=R150062&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/30-079-1/7-alpha-Hydroxycholesterol-TMS.pdf>

Generated by Cheméo on 2024-04-20 02:42:56.206602172 +0000 UTC m=+15870225.127179512.

Cheméo (<https://www.chemeo.com>) is the biggest free database of chemical and physical data for the process industry.