

5-Cholestenoic acid, 3-«beta»-ol, TMS

Inchi:	InChI=1S/C33H60O3Si2/c1-23(12-11-13-24(2)31(34)36-38(8,9)10)28-16-17-29-27-15-14
InchiKey:	KFCUEYRSEFZHGW-MTCBLDTQSA-N
Formula:	C33H60O3Si2
SMILES:	CC(CCCC(C)C1CCC2C3CC=C4CC(O[Si](C)(C)C)CCC4(C)C3CCC12C)C(=O)O[Si](C)(C)C
Mol. weight [g/mol]:	561.00

Physical Properties

Property code	Value	Unit	Source
hvap	132.81	kJ/mol	Cheméo Relay (1.0)
log10ws	-7.41		Cheméo Relay (1.0)
logp	9.606		Crippen Method
rinpol	3444.00		NIST Webbook
rinpol	3445.00		NIST Webbook
rinpol	3445.00		NIST Webbook
rinpol	3444.00		NIST Webbook
tb	707.19	K	Cheméo Relay (1.0)
tf	387.59	K	Cheméo Relay (1.0)

Sources

Crippen Method:	http://pubs.acs.org/doi/abs/10.1021/ci990307l
Crippen Method:	https://www.chemeo.com/doc/models/crippen_log10ws
Cheméo Relay (1.0):	
Cheméo Relay (1.0, beta):	
NIST Webbook:	http://webbook.nist.gov/cgi/cbook.cgi?ID=R177636&Units=SI

Legend

hvap:	Enthalpy of vaporization at standard conditions
log10ws:	Log10 of Water solubility in mol/l
logp:	Octanol/Water partition coefficient

rinpol: Non-polar retention indices
tb: Normal Boiling Point Temperature
tf: Normal melting (fusion) point

Latest version available from:

<https://www.cheméo.com/cid/114-296-7/5-Cholestenoic-acid-3-beta-ol-TMS.pdf>

Generated by Cheméo on 2026-07-21 00:24:06.260261833 +0000 UTC m=+104542.102147221.

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