

5«alpha»-Cholestan-3«beta»,6«alpha»-diol, TMS

Inchi: InChI=1S/C33H64O2Si2/c1-23(2)13-12-14-24(3)27-15-16-28-26-22-31(35-37(9,10)11)30
InchiKey: UBHDPUUHTCWMLG-LCKXLPMXSA-N
Formula: C33H64O2Si2
SMILES: CC(C)CCCC(C)C1CCC2C3CC(O[Si](C)(C)C)C4CC(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	3280.00		NIST Webbook

Sources

Crippen Method: https://www.chemeo.com/doc/models/crippen_log10ws
NIST Webbook: <http://webbook.nist.gov/cgi/cbook.cgi?ID=R529389&Units=SI>
Crippen Method: <http://pubs.acs.org/doi/abs/10.1021/ci990307l>

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/38-800-1/5-alpha-Cholestan-3-beta-6-alpha-diol-TMS.pdf>

Generated by Cheméo on 2025-12-05 17:36:58.043166841 +0000 UTC m=+4704415.573207497.

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