Cholanic acid, 7«beta»-hydroxy, Me-DMES

Inchi: InChI=1S/C29H52O3Si/c1-8-33(6,7)32-25-19-21-11-9-10-17-28(21,3)24-16-18-29(4)22(1
InchiKey: RKNVOTKYHVSSQK-RUSPJERRSA-N
Formula: C29H52O3Si
SMILES: CC[Si](C)(C)OC1CC2CCCCC2(C)C2CCC3(C)C(C(C)CCC(=O)OC)CCC3C12
Mol. weight [g/mol]: 476.81

Physical Properties

Property code	Value	Unit	Source
log10ws	-5.72		Crippen Method
logp	7.845		Crippen Method
rinpol	3188.00		NIST Webbook
rinpol	3188.00		NIST Webbook
ripol	3714.00		NIST Webbook
ripol	3714.00		NIST Webbook

Sources

Crippen Method: https://www.chemeo.com/doc/models/crippen_log10ws
NIST Webbook: http://webbook.nist.gov/cgi/cbook.cgi?ID=R534366&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
ripol: Polar retention indices

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