

# 3«alpha»,7«alpha»,17«alpha»-trihydroxy-5«beta»-acid, DMESI

Inchi: nChI=1S/C40H80O5Si4/c1-16-46(8,9)42-32-22-25-38(6)31(28-32)29-35(43-47(10,11)17  
InchiKey: OBJAMDYRFFJLHC-QPZUDUQESA-N

Formula: C40H80O5Si4  
SMILES: CC[Si](C)(C)OC(=O)CCC(C)C1(O[Si](C)(C)CC)CCC2C3C(O[Si](C)(C)CC)CC4CC(O[Si](C)(C)CC)C5C6C7C8C9C10C11C12C13C14C15C16C17C18C19C20C21C22C23C24C25C26C27C28C29C30C31C32C33C34C35C36C37C38C39C40  
Mol. weight [g/mol]: 753.40

## Physical Properties

Property code	Value	Unit	Source
log10ws	-3.12		Crippen Method
logp	12.024		Crippen Method
rinpol	3598.00		NIST Webbook

## Sources

Crippen Method: [https://www.chemeo.com/doc/models/crippen\\_log10ws](https://www.chemeo.com/doc/models/crippen_log10ws)  
NIST Webbook: <http://webbook.nist.gov/cgi/cbook.cgi?ID=R279886&Units=SI>  
Crippen Method: <http://pubs.acs.org/doi/abs/10.1021/ci9903071>

## Legend

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

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