

17«alpha»,21-Dihydroxypregn-4-en-3,20-dione,

17,21-dimethylsilylene

InChI: CC1=CC(=O)C=C(C)CCC1C2CCC2(C)C1CCC21O[Si](C)(C)OCC1=O
InChIKey: RDHWNPLQAIKFB-HHYUGBOQSA-N
Formula: C₂₃H₃₄O₄Si
SMILES: CC1CCC(=O)C=C(C)CCC1C2CCC2(C)C1CCC21O[Si](C)(C)OCC1=O
Mol. weight [g/mol]: 402.60

Physical Properties

Property code	Value	Unit	Source
log10ws	-3.05		Crippen Method
logp	4.575		Crippen Method
rinpol	2890.00		NIST Webbook

Sources

Crippen Method: https://www.chemeo.com/doc/models/crippen_log10ws
NIST Webbook: <http://webbook.nist.gov/cgi/cbook.cgi?ID=R525030&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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<https://www.chemeo.com/cid/53-570-0/17-alpha-21-Dihydroxypregn-4-en-3-20-dione-17-21-dimethylsilylene.pdf>

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