

17«beta»-Hydroxy-5«alpha»-androstan-3-one, trimethylsilyl ether

Other names: 17«beta»-Hydroxy-5«alpha»-androstan-3-one, trimethylsilyl deriv.

5«alpha»-Androstan-17«beta»-ol-3-one, trimethylsilyl ether

Inchi: InChI=1S/C22H38O2Si/c1-21-12-10-16(23)14-15(21)6-7-17-18-8-9-20(24-25(3,4)5)22(18)

InchiKey: YNHGEJGZDSFBFR-JLKFIEDVSA-N

Formula: C22H38O2Si

SMILES: CC12CCC(=O)CC1CCC1C2CCC2(C)C(O[Si](C)(C)C)CCC12

Mol. weight [g/mol]: 362.62

CAS: 18899-43-9

Physical Properties

Property code	Value	Unit	Source
log10ws	-3.69		Crippen Method
logp	5.818		Crippen Method
rinpola	2614.80		NIST Webbook

Sources

Crippen Method: <http://pubs.acs.org/doi/abs/10.1021/ci9903071>

Crippen Method: https://www.chemeo.com/doc/models/crippen_log10ws

NIST Webbook: <http://webbook.nist.gov/cgi/cbook.cgi?ID=C18899439&Units=SI>

Legend

log10ws: Log10 of Water solubility in mol/l

logp: Octanol/Water partition coefficient

rinpola: Non-polar retention indices

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