

Androstenedione (Androst-4-en-3,17-dione), TMS

InChI: InChI=1S/C25H42O2Si2/c1-24-15-13-19(26-28(3,4)5)17-18(24)9-10-20-21-11-12-23(27-29(6,7)8)25(21,2)16-14-22(20)24/h12-13,17,20-22H,9-11,14-16H2,1-8H3/t20-,21-,22-,24-,25-/m1/s1

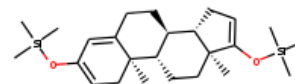
InChI Key: NZWSFMJGXZUTCA-GGAKRVASSA-N

Formula: C₂₅H₄₂O₂Si₂

SMILES:

CC12CCC3C(CCC4=CC(O[Si](C)(C)C)=CCC43C)C1CC=C2O[Si](C)(C)C

Molecular Weight: 430.77



Physical Properties

Property	Value	Unit	Source
$\log P_{\text{oct/wat}}$	7.640		Crippen Method

Sources

NIST Webbook: [http://webbook.nist.gov/cgi/inchi/InChI=1S/C25H42O2Si2/c1-24-15-13-19\(26-28\(3,4\)5\)17-18\(24\)9-10-20-21-11-12-23\(27-29\(6,7\)8\)25\(21,2\)16-14-22\(20\)24/h12-13,17,20-22H,9-11,14-16H2,1-8H3/t20-,21-,22-,24-,25-/m1/s1](http://webbook.nist.gov/cgi/inchi/InChI=1S/C25H42O2Si2/c1-24-15-13-19(26-28(3,4)5)17-18(24)9-10-20-21-11-12-23(27-29(6,7)8)25(21,2)16-14-22(20)24/h12-13,17,20-22H,9-11,14-16H2,1-8H3/t20-,21-,22-,24-,25-/m1/s1)

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

Legend

$\log P_{\text{oct/wat}}$: Octanol/Water partition coefficient .

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