
Product Data Sheet

Product Name: Androst-4-ene-3,17-diol, dipropanoate, (3 β ,17 β)- (Androst-4-ene-3 β ,17 β -diol, dipropionate)

Cat. No.: GC31254

Chemical Properties

Cas. No. 56699-31-1

SMILES C[C@@]12[C@]3([H])[C@](CCC1=C[C@@H](OC(CC)=O)CC2)([H])[C@@]4([H])[C@@](C)([C@@H](OC(CC)=O)CC4)CC3

Formula C₂₅H₃₈O₄ M.Wt 402.57

Solubility Soluble in DMSO Storage Store at -20°C

General tips For obtaining a higher solubility , please warm the tube at 37 °C and shake it in the ultrasonic bath for a while. Stock solution can be stored below -20°C for several months.

Shipping Condition Evaluation sample solution : ship with blue ice All other available size: ship with RT , or blue ice upon request.

Structure

Background

Androst-4-ene-3,17-diol, dipropanoate, (3 β ,17 β)- is the dipropanoate of 4-Androstenediol, a metabolite of testosterone.

The dipropionate of androst-4-ene-3 β ,17 β -diol is highly effective in stimulating the seminal vesicles of the mouse and is more efficient for prolonged stimulation of this tissue than testosterone propionate. When administered orally or by subcutaneous injection, androst-4-ene-3 α ,17 α -diol and androst-4-ene-3 β ,17 β -diol are equal in androgenic potency to testosterone in the chick's comb test[1].

Caution: Product has not been fully validated for medical applications. For research use only.

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