

Product Data Sheet

Product Name: Dydrogesterone

Cat. No.: GC15409

Chemical Properties

Cas. No. 152-62-5

Chemical Name (8S,9R,10S,13S,14S,17S)-17-acetyl-10,13-dimethyl-1,2,8,9,11,12,14,15,16,17-decahydrocyclopenta[a]phenanthren-3-one

SMILES CC(=O)C1CCC2C1(CCC3C2C=CC4=CC(=O)CCC34C)C

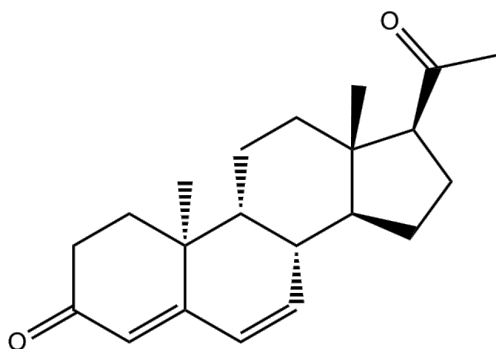
Formula $C_{21}H_{28}O_2$ M.Wt 312.45

Solubility Acetonitrile: 1 mg/ml, Ethanol: 1 mg/ml, Methanol: 1 mg/ml 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

Dydrogesterone is a potent, orally active progestogen indicated in a wide variety of gynaecological conditions related to progesterone deficiency.

Dydrogesterone is a potent, orally active progestogen indicated in a wide variety of gynaecological conditions related to progesterone deficiency. Although similar in molecular structure and pharmacological effects to endogenous progesterone. It is orally active at far lower doses. Its freedom from estrogenic, androgenic, anabolic, corticoid and other undesirable hormonal effects

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

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gives it additional benefits over most other synthetic progestogens. Dydrogesterone has also been registered as hormone replacement therapy (HRT) to counteract the negative effects of unopposed estrogen on the endometrium in women with an intact uterus. Dydrogesterone is relatively safe and well tolerated, and does not exhibit the androgenic side effects that are common with some other progestins, like medroxyprogesterone[1].

References:

[1]. Dydrogesterone, From Wikipedia, the free encyclopedia

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