

Drospirenone

Catalog No: tcsc1863



Available Sizes

Size: 10mg

Size: 50mg

Size: 100mg



Specifications

CAS No:
67392-87-4

Formula:
 $C_{24}H_{30}O_3$

Pathway:
Others

Target:
Progesterone Receptor

Purity / Grade:
>98%

Solubility:
10 mM in DMSO

Alternative Names:
Dihydrospirorenone

Observed Molecular Weight:
366.49

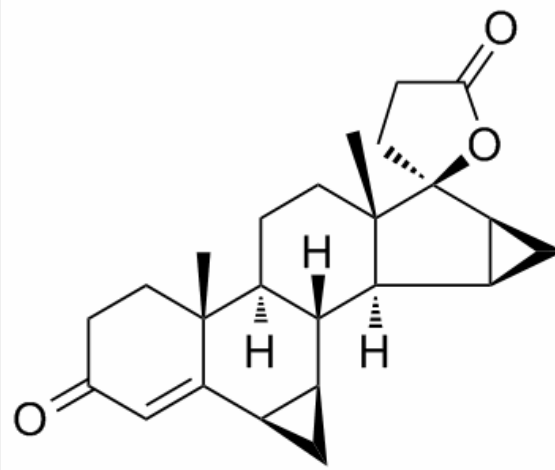
Product Description

Drospirenone(Dihydrospirorenone) is a synthetic progestin that is an analog to spironolactone.

Target: Progesterone Receptor

Drospirenone is a novel progestin under clinical development that is similar to the natural hormone progesterone, combining potent progestogenic with antimineralocorticoid and antiandrogenic activities. drospirenone was devoid of glucocorticoid activity. Both progestins did not show any antiglucocorticoid action. Furthermore, drospirenone and progesterone both showed considerable antimineralocorticoid activity and weak mineralocorticoid activity [1]. the pharmacological profile of drospirenone is more closely related to that of the natural hormone progesterone than is that of any other synthetic progestogen in use today. Therefore, drospirenone is anticipated to give rise to a number of additional health benefits both for users of oral contraceptives and hormone replacement therapy recipients [2]. The combination of 17beta-estradiol and drospirenone has a positive effect on BMD and a potentially beneficial effect on lipids. Although endometrial thickness increased slightly, the safety of the endometrium was assured, as no cases of hyperplasia or cancer occurred [3].

Clinical indications: Acne; Dysmenorrhea; Endometriosis; Female contraception; Folic acid deficiency; Premenstrual syndrome



All products are for RESEARCH USE ONLY. Not for diagnostic & therapeutic purposes!