

Norethindrone

Catalog No: tcsc2664



Available Sizes

Size: 100mg

Size: 500mg



Specifications

CAS No:

68-22-4

Formula:

$C_{20}H_{26}O_2$

Pathway:

Others

Target:

Progesterone Receptor

Purity / Grade:

>98%

Solubility:

DMSO

Alternative Names:

Norethisterone

Observed Molecular Weight:

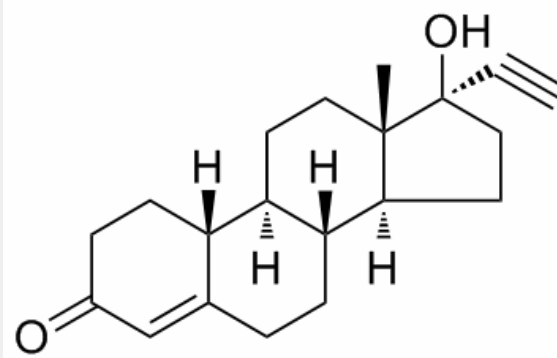
298.42

Product Description

Norethindrone is a female progestin approved by FDA for the treatment of endometriosis, uterine bleeding caused by abnormal hormone levels, and secondary amenorrhea.

IC50 & Target: Progesterone Receptor^[1]

In Vivo: Norethindrone acetate could be a cost-effective alternative with relatively mild side effects in the treatment of symptomatic endometriosis. Subjects treated with norethindrone acetate obtain dysmenorrhea and noncyclic pelvic pain relief^[1]. Norethindrone acetate alone is a well-tolerated, effective option to manage pain and bleeding for all stages of endometriosis. Post-Norethindrone acetate bleeding scores are improved regardless of prior hormonal regimen, and post-Norethindrone acetate pain scores improved in all patients except for those previously prescribed GnRH-agonist plus add-back^[2]. Norethindrone acetate shows low acute toxicity in experimental animals and is consistent with the lack of toxicity seen in humans. Administration of norethindrone acetate alone to rodents at several multiples of the human dose results in no treatment related mortality, hematological changes, behavioral changes, or organ pathology^[3]. Norethindrone acetate administration leads to significant and proportional reductions of the concentrations of triglycerides, cholesterol and phospholipids of plasma lipoproteins of density [4].



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