

Trilostane

Catalog No: tcsc1707



Available Sizes

Size: 10mg

Size: 50mg

Size: 100mg

Size: 200mg



Specifications

CAS No:

13647-35-3

Formula:

$C_{20}H_{27}NO_3$

Pathway:

Others

Target:

Others

Purity / Grade:

>98%

Solubility:

DMSO : ≥ 56 mg/mL (169.99 mM)

Alternative Names:

Win 24540

Observed Molecular Weight:

329.43

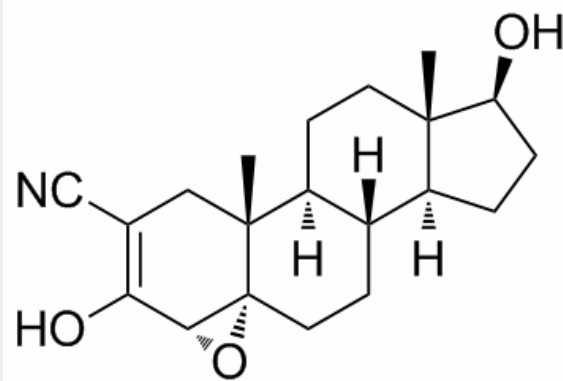
Product Description

Trilostane(Win 24540; Modrastane) is an inhibitor of 3 β -hydroxysteroid dehydrogenase used in the treatment of Cushing's syndrome.

IC50 value:

Target: 3 β -HSD

Trilostane is an inhibitor of 3 β -hydroxysteroid dehydrogenase (3- β -HSD or delta 5-delta 4-isomerase), an essential enzyme for the biosynthesis of all classes of hormonal steroids. It has been used in the treatment of Cushing's syndrome for stopping the production of cortisol, and is currently approved for dogs in the US, but is still a human drug in the UK and other countries. It is being investigated as a possible treatment for both breast cancer and prostate cancer to prevent the synthesis of estrogens and androgens from endogenous precursors. It has also been used to inhibit endogenous production of progesterone in research studies.



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