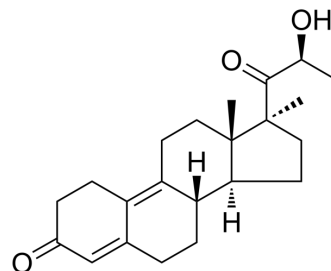


Trimegestone

Cat. No.:	HY-106827
CAS No.:	74513-62-5
Molecular Formula:	C ₂₂ H ₃₀ O ₃
Molecular Weight:	342.47
Target:	Progesterone Receptor; Androgen Receptor; Phosphatase
Pathway:	Vitamin D Related/Nuclear Receptor; Metabolic Enzyme/Protease
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



BIOLOGICAL ACTIVITY

Description

Trimegestone (RU 27987) is an orally active 19-norpregnane progestin. Trimegestone binds to progesterone receptor (PR) with an IC₅₀ value of 3.3 nM (rat PR). Trimegestone increases alkaline phosphatase activity (EC₅₀=0.1 nM) but not luciferase activity. Trimegestone also shows a weak antiandrogenic activity (weak androgen receptor affinity). Trimegestone can be used in studies of contraception or menopausal syndromes^{[1][2]}.

REFERENCES

- [1]. Wahab M, et al. Trimegestone: expanding therapeutic choices for the treatment of the menopause. *Expert Opin Investig Drugs*. 2001 Sep;10(9):1737-44.
- [2]. Zhang Z, et al. In vitro characterization of trimegestone: a new potent and selective progestin. *Steroids*. 2000 Oct-Nov;65(10-11):637-43.

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

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