



SZABO SCANDIC

Part of Europa Biosite

Produktinformation



Forschungsprodukte & Biochemikalien



Zellkultur & Verbrauchsmaterial



Diagnostik & molekulare Diagnostik



Laborgeräte & Service

Weitere Information auf den folgenden Seiten!
See the following pages for more information!



Lieferung & Zahlungsart

siehe unsere [Liefer- und Versandbedingungen](#)

Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

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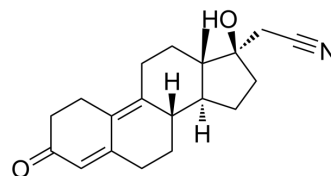
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Dienogest (Standard)

Cat. No.:	HY-B0084R
CAS No.:	65928-58-7
Molecular Formula:	C ₂₀ H ₂₅ NO ₂
Molecular Weight:	311.42
Target:	Progesterone Receptor
Pathway:	Vitamin D Related/Nuclear Receptor
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



BIOLOGICAL ACTIVITY

Description

Dienogest (Standard) is the analytical standard of Dienogest. This product is intended for research and analytical applications. Dienogest (STS-557) is an orally active and selective progesterone receptor agonist that effectively reduces the gene expression of COX-2, mPGES-1 and aromatase. Dienogest also inhibits the mRNA and protein expression of PGE₂ synthase and the activation of NF-κB. Dienogest can be used in studies of endometriosis, menopause and menorrhagia^{[1][2]}.

REFERENCES

- [1]. Shimizu Y, et al. Dienogest, a synthetic progestin, inhibits prostaglandin E2 production and aromatase expression by human endometrial epithelial cells in a spheroid culture system. *Steroids*. 2011 Jan;76(1-2):60-7.
- [2]. Katayama H, et al. Effect of dienogest administration on angiogenesis and hemodynamics in a rat endometrial autograft model. *Hum Reprod*. 2010 Nov;25(11):2851-8.

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

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