



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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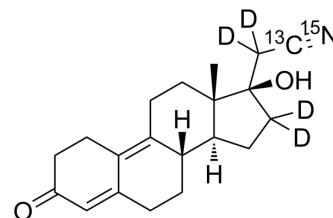
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Dienogest-¹³C,¹⁵N,d₄

Cat. No.:	HY-B0084S4
Molecular Formula:	C ₁₉ ¹³ CH ₂₁ D ₄ ¹⁵ NO ₂
Molecular Weight:	317.43
Target:	Isotope-Labeled Compounds; Progesterone Receptor
Pathway:	Others; Vitamin D Related/Nuclear Receptor
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



BIOLOGICAL ACTIVITY

Description

Dienogest-¹³C,¹⁵N,d₄ (STS 557-¹³C,¹⁵N,d₄) is the ¹³C, ¹⁵N and deuterium labeled isotope of Dienogest (HY-B0084). 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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