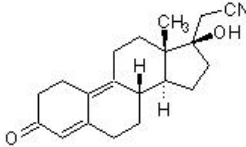


Dienogest, Steroidal progesterone ab141282

1 References [画像数 2](#)

医薬用外劇物

製品の概要

製品名	Dienogest, Steroidal progesterone
製品の詳細	Steroidal progesterone
生理活性の詳細	Steroidal progesterone. Non-ethinylated progestin structurally related to testosterone. Anti-androgenic and antiproliferative effects <i>in vitro</i> .
精製度	> 99%
CAS 番号	65928-58-7
構造式	

製品の特性

体系名	(17 α)-17-Hydroxy-3-oxo-19-norpregna-4,9-diene-21-nitrile
分子量	311.42
分子式	C ₂₀ H ₂₅ NO ₂
PubChem 登録番号	68861
保存方法	Store at -20°C. Store under desiccating conditions. The product can be stored for up to 12 months.
溶解性	Soluble in DMSO to 100 mM
使用に関する注意	Wherever possible, you should prepare and use solutions on the same day. However, if you need to make up stock solutions in advance, we recommend that you store the solution as aliquots in tightly sealed vials at -20°C. Generally, these will be useable for up to one month. Before use, and prior to opening the vial we recommend that you allow your product to equilibrate to room temperature for at least 1 hour. Toxic, refer to SDS for further information Need more advice on solubility, usage and handling? Please visit our frequently asked questions (FAQ) page for more details.

SMILES 線形表記

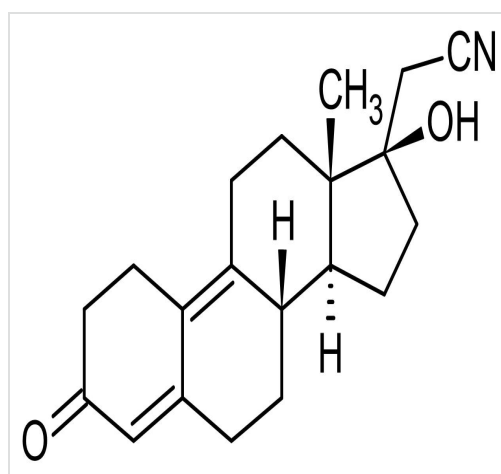
O=C3C=C4CC[C@@H]2C(CC[C@@]1(C)[C@H]2CC[C@@]1(O)CC#N)=C4CC3

アプリケーション

The Abpromise guarantee **Abpromise保証は、** 次のテスト済みアプリケーションにおけるab141282の使用に適用されます
アプリケーションノートには、推奨の開始希釈率がありますが、適切な希釈率につきましてはご検討ください。

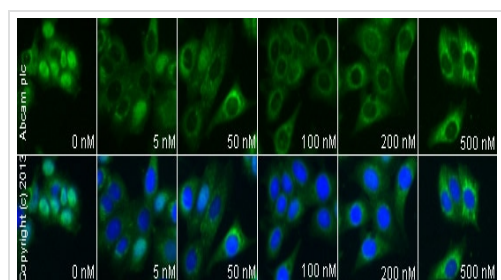
アプリケーション	Abreviews	特記事項
Functional Studies		Use at an assay dependent concentration.

画像



Chemical Structure - Dienogest, Steroidal progesterone (ab141282)

2D chemical structure image of ab141282, Dienogest, Steroidal progesterone



Functional Studies - Dienogest, Steroidal progesterone (ab141282)

ab16895 staining MDM2 in MCF7 cells treated with dienogest (ab141282), by ICC/IF. Decrease in MDM2 expression correlates with increased concentration of dienogest, as described in literature.

The cells were incubated at 37°C for 24 hour in media containing different concentrations of ab141282 (dienogest) in DMSO, fixed with 4% formaldehyde for 10 minutes at room temperature and blocked with PBS containing 10% goat serum, 0.3 M glycine, 1% BSA and 0.1% tween for 2h at room temperature. Staining of the treated cells with **ab16895** (5 µg/ml) was performed overnight at 4°C in PBS containing 1% BSA and 0.1% tween. A DyLight 488 anti-mouse polyclonal antibody (**ab96879**) at 1/250 dilution was used as the secondary antibody. Nuclei were counterstained with DAPI and are shown in blue.

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