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## Certificate of Analysis

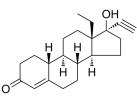
### Norgestrel

Cat. No.:	HY-N7137
CAS No.:	6533-00-2
Batch No.:	151682
Chemical Name:	18,19-Dinorpregn-4-en-20-yn-3-one, 13-ethyl-17-hydroxy-, (17α)-(±)-

#### PHYSICAL AND CHEMICAL PROPERTIES

Molecular Formula:	$C_{21}H_{28}O_2$		
Molecular Weight:	312.45		
Storage:	Powder	-20°C	3 years
		4°C	2 years
	In solvent	-80°C	6 months
		-20°C	1 month

#### **Chemical Structure:**



#### relative stereochemistry

#### ANALYTICAL DATA

Appearance:	White to off-white (Solid)
<sup>1</sup> H NMR Spectrum:	Consistent with structure
LCMS:	Consistent with structure
Purity (LCMS):	99.87%
Conclusion:	The product has been tested and complies with the given specifications.

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

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