



1. Identification

Catalogue Number

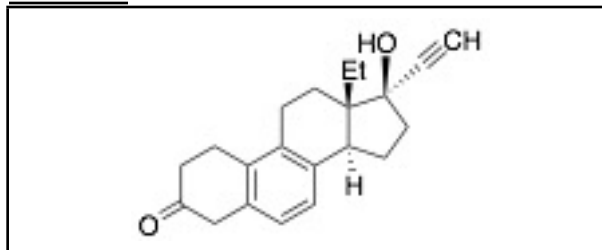
N689530

Lot Number

4-JED-35-3

Product Name $\Delta^5(10),6,8(9)\text{-D-(-)-Norgestrel}$ Synonyms

Levonorgestrel Impurity W

StructureCAS Number

155683-59-3

SolubilityChloroform (Slightly), DMSO
(Slightly), Methanol (Very Slightly)Shipping ConditionThis Product Is Stable To Be Shipped At Room
TemperatureMolecular Formula $\text{C}_{22}\text{H}_{26}\text{O}$ Source of Product

Synthetic

Long Term Storage Conditions -20°C Molecular Weight

306.44

Purity

>95%

2. Warnings

Not Determined

3. Analytical Information

Tests

Appearance

Specifications

White to Off-White Solid

Results

White to Off-White Solid

NMR

Conforms to Structure

Conforms

Elemental Analysis

Conforms

%C: 80.54, %H: 8.14

HPLC Purity

>95%

99.58% (210 nm)

MS

Conforms to Structure

Conforms

Specific Rotation

Report Result

 -95.2° ($c = 0.2$, Chloroform)Additional Information

N/A

Purity is based on the analytical results of the tests performed. NMR and Elemental Analysis (if available) may have an accuracy of $\pm 2\%$. Isotopic purity is based on mass distribution observed.
The contents of the specifications are subject to change without advance notice, and the specification values displayed here are the most up to date values.

4. Signatures

Reviewed by

Nicole Yip

Product Quality Specialist

Reviewed by

Toni Rantanen

Manager, Quality Assurance

C of A Approved by

Chanell Chu

Quality Assurance Associate

Test Date

7/11/2023

Retest Date

7/9/2027