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CERTIFICATE OF ANALYSIS

Analysis Date: May 2023

Re-test Date: Apr 2025

Product Name: Desogestrel EP Impurity D

Identification:

Chemical Name: (8S,9S,10R,13S,14S,17R)-13-ethyl-17-ethynyl-17-hydroxy-11-methylene-1,2,6,7,8,9,10,11,12,13,14,15,16,17-tetradecahydro-3H-cyclopenta[a]phenanthren-3-one

Synonyms : Desogestrel USP Related
Compound C ; 3-
Ketodesogestrel ; Etonogestrel

CAS Number : 54048-10-1

CAT Number : CP-D35004

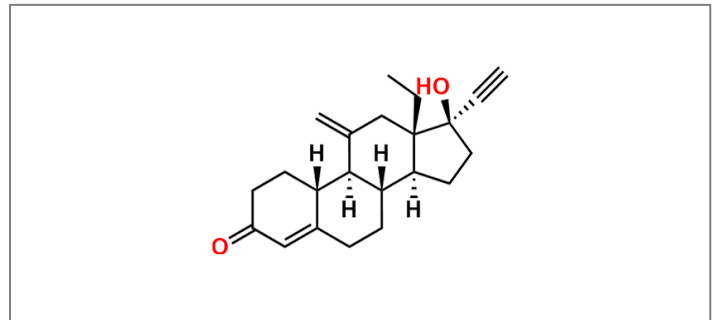
Molecular Formula : C₂₂H₂₈O₂

Molecular Weight : 324.5

Batch Number : CHEM-DES-D

Storage Condition : Tightly closed, Inert atmosphere at 2 to 8° C

Shipping condition : All Products are stable to be shipped at room temperature, if specific condition required it is mention in the COA



Analytical Information:

Sr. No.	Test	Result
1)	Description	White Solid
2)	Solubility	Soluble in Methanol/DMSO
3)	MASS By LCMS	Confirm to structure
4)	Purity By HPLC	99.75%
5)	H1NMR	Confirm to structure
6)	13CNMR	Confirm to structure



Prepared and Reviewed By

Ms Priyanka Salunkhe
(Manager QC Analytical)

Approved By

Ms Rohini Gagare
(QA Head)

Note: Product supplied by Chemicea are for R&D purpose only and not for human consumptions.