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CERTIFICATE OF ANALYSIS

Analysis Date: May 2023

Re-test Date: Apr 2025

Product Name: Desogestrel EP Impurity E

Identification:

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

Synonyms : Desogestrel USP Related
Compound B

CAS Number : 70805-85-5

CAT Number : CP-D35005

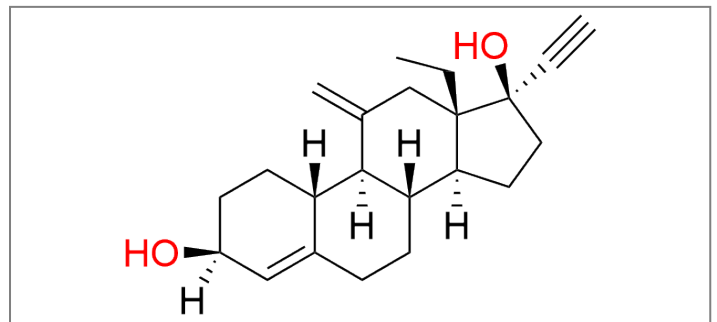
Molecular Formula : C₂₂H₃₀O₂

Molecular Weight : 326.5

Batch Number : CHEM-DES-E

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 | 94.52% |
| 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.