

# CERTIFICATE OF ANALYSIS

(Certificate No. KMN097011-01)

Release Date: 20/11/2024

Re-test Date: 19/11/2027

## (E/Z)-Norgestimate 5(10)-ene Analog

### Identification

**Chemical Name :**

Mixture of (8R,9S,13S,14S,17R,E)-13-ethyl-17-ethynyl-3-(hydroxyimino)-2,3,4,6,7,8,9,11,12,13,14,15,16,17-tetradecahydro-1H-cyclopenta[a]phenanthren-17-yl acetate and (8R,9S,13S,14S,17R,Z)-13-ethyl-17-ethynyl-3-(hydroxyimino)-2,3,4,6,7,8,9,11,12,13,14,15,16,17-tetradecahydro-1H-cyclopenta[a]phenanthren-17-yl acetate

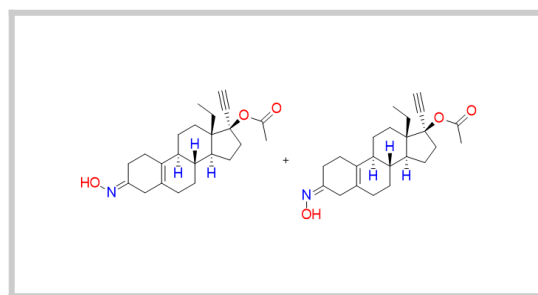
**Alt. Name** : Norgestimate 5(10)-ene Analog

**CAT No.** : KMN097011

**CAS No.** : Not available

**Molecular Formula** : C<sub>23</sub>H<sub>31</sub>NO<sub>3</sub>

**Molecular Weight** : 369.5



### Analytical Information

**Batch No.** : APS-002-061

**Solubility** : Methanol

**Description** : Off white solid

**Mass** : Confirm

**HPLC Purity** : NLT 95 %

**IR** : Confirm

**Weight Loss By TGA** : NLT 1 %

**<sup>1</sup>H NMR** : Confirm

**% Potency** : 94.05 %

### Additional Information

**Long Term Storage** : Store at 2-8 deg. C for long term storage

**Shipping Condition** : Product is stable to be Shipped at Room Temperature

**% Potency** = [100 - 1(Weight Loss By TGA)] x [95(HPLC Purity)]/100 = 94.05 %

|                        | Department      | Name          | Signature | Date       |
|------------------------|-----------------|---------------|-----------|------------|
| Prepared By            | Analytical      | Jignesh Patel |           | 20/11/2024 |
| Reviewed & Approved By | Quality Control | Jatin Patel   |           | 20/11/2024 |

**Attachments** : COA, LC-MS, Mass, <sup>1</sup>H NMR, IR and TGA