

## 1. Identification

### Catalogue Number

TRC-E888862

### Lot Number

4-KHI-103-1

### Product Name

Estradiol 17-Valerate-d9

### Synonyms

(17β)-Estra-1,3,5(10)-triene-3,17-diol 17-Pentanoate-d9; Estradiol Valerate-d9; 3-Hydroxy-17β-(valeroyl-d9)oxyestra-1,3,5(10)-triene; Atladiol-d9; Climaval-d9; Deladiol-d9 Delestrogen-d9; Delestrogen 4x-d9; Estradiol 17β-Valerate-d9; Estradiol Valerianate-d9; Estraval-d9; Femogex-d9; Gynokadin-d9; NSC 17590-d9; Neofollin-d9; Nuvelle-d9; Progynova-d9; Valergen-d9;

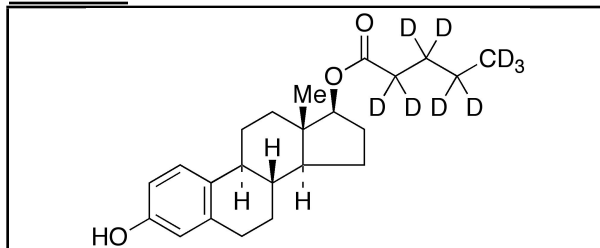
### CAS Number

1316648-98-2

### Solubility

Chloroform (Slightly), Methanol (Slightly)

### Structure



### Shipping Condition

This Product Is Stable To Be Shipped At Room Temperature

### Molecular Formula

C<sub>23</sub>H<sub>23</sub>D<sub>9</sub>O<sub>3</sub>

### Source of Product

Synthetic

### Long Term Storage Conditions

4°C

### Molecular Weight

365.55

### Purity

97%

## 2. Warnings

Not Determined

## 3. Analytical Information

### Tests

Appearance

### Specifications

White to Pale Brown Solid

### Results

Off-White to Pale Brown Solid

NMR

Conforms to Structure

Conforms

MS

Conforms to Structure

Conforms

Isotopic Purity

>95%

97.3% (d<sub>0</sub> = 0.15%)

### 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 ± 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



Neha Khanna

Product Quality Specialist

### Reviewed by



Toni Rantanen

Manager, Quality Assurance

### C of A Approved by



Chanell Chu

Jr. Quality Assurance

### Test Date

3/6/2022

### Retest Date

3/4/2026