

## 1. Identification

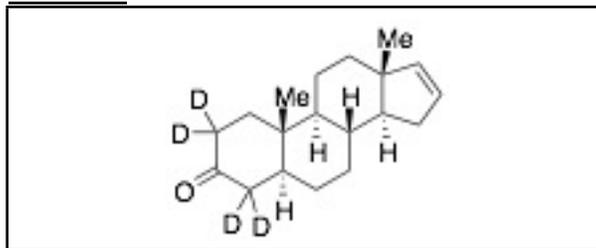
Catalogue Number

A637777

Lot Number

3-CSZ-101-6

Structure



Product Name

5α-Androstenone-d4

Synonyms

(5α)-Androst-16-en-3-one-d4; Androstenone-d4; 16,(5α)-Androsten-3-one-d4; 5α-Androst-16-ene-3-one-d4; E 282-d4

CAS Number

N/A

Solubility

Chloroform (Slightly), Methanol (Slightly)

Shipping Condition

This Product Is Stable To Be Shipped At Room Temperature

Molecular Formula

C<sub>19</sub>H<sub>24</sub>D<sub>4</sub>O

Source of Product

Synthetic

Long Term Storage Conditions

4°C

Molecular Weight

276.45

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

GC Purity

>95%

99.98%

MS

Conforms to Structure

Conforms

Isotopic Purity

>95%

95.7%

Additional Information

Normalized Intensity: d<sub>0</sub> = 0.07%, d<sub>1</sub> = 0.32%, d<sub>2</sub> = 7.28%, d<sub>3</sub> = 1.32%, d<sub>4</sub> = 91.01%

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

Meenakshi Sharma  
Product Quality Specialist

Reviewed by

Toni Rantanen  
Manager, Quality Assurance

C of A Approved by

Rami Dhanoa  
Quality Assurance Associate

Test Date

8/4/2023

Retest Date

8/2/2027