

1. Identification

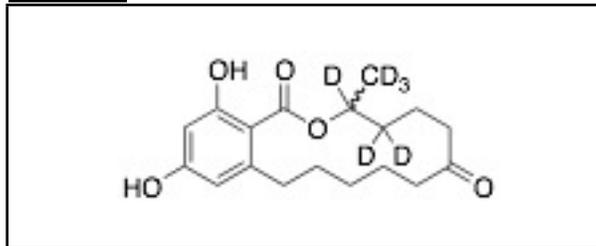
Catalogue Number

Z270442

Lot Number

15-APD-36-2

Structure



Product Name

rac Zearalanone-d6

Synonyms

3,4,5,6,9,10,11,12-Octahydro-14,16-dihydroxy-3-methyl-1H-2-benzoxacyclotetradecin-1,7(8H)-dione-d6; (RS)-Zearalanone-d6; (±)-Zearalanone-d6; DL-Zearalanone-d6; (±)-3,4,5,6,9,10,11,12-Octahydro-14,16-dihydroxy-3-methyl-1H-2-benzoxacyclotetradecin-1,7(8H)-dione-d6;

CAS Number

1795020-90-4

Solubility

Chloroform (Slightly), Methanol (Slightly)

Shipping Condition

This Product Is Stable To Be Shipped At Room Temperature

Molecular Formula

C₁₈H₁₈D₆O₅

Source of Product

Synthetic

Long Term Storage Conditions

-20°C, Inert atmosphere

Molecular Weight

326.42

Purity

>95%

2. Warnings

Not Determined

3. Analytical Information

Tests

Appearance

Specifications

White to Pale Beige Solid

Results

White to Off-White Solid

NMR

Conforms to Structure

Conforms

Elemental Analysis

Conforms

%C: 65.05, %H: 7.37

HPLC Purity

>95%

95.37% (220 nm)

MS

Conforms to Structure

Conforms

Isotopic Purity

>95%

98.7%

Additional Information

Normalized Intensity: d₀ = 0.01%, d₁ = 0.05%, d₂ = 0.00%, d₃ = 0.05%, d₄ = 0.03%, d₅ = 7.59%, d₆ = 92.28%

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

Sarbjit Kaur

Sarbjit Kaur

Product Quality Specialist

Reviewed by

Toni Rantanen

Toni Rantanen

Manager, Quality Assurance

C of A Approved by

Chanell Chu

Chanell Chu

Jr. Quality Assurance

Test Date

1/17/2023

Retest Date

1/15/2027