

1. Identification

Catalogue Number

D449137

Lot Number

7-SKR-135-2

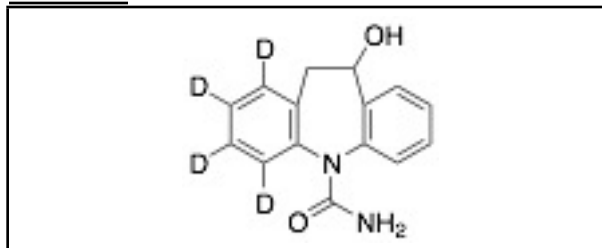
Product Name

10,11-Dihydro-10-hydroxy Carbamazepine-D4 (Major)

Synonyms

10,11-Dihydro-10-hydroxy-5H-dibenz[b,f]azepine-5-carboxamide-D4; 10-Hydroxy-10,11-dihydrocarbamazepine-D4; BIA 2-005-D4; GP 47779-D4; Licarbazepine-D4;

Structure



CAS Number

1020719-39-4

Solubility

DMSO (Slightly), Methanol (Slightly)

Shipping Condition

This Product Is Stable To Be Shipped At Room Temperature

Molecular Formula

C₁₅H₁₀D₄N₂O₂

Source of Product

Synthetic

Long Term Storage Conditions

4°C

Molecular Weight

258.31

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

Elemental Analysis

Conforms

%C: 65.46, %H: 5.30, %N: 10.08

HPLC Purity

>95%

100.00% (240 nm)

MS

Conforms to Structure

Conforms

Isotopic Purity

>95%

98.4%

Additional Information

Normalized Intensity: d₀ = 0.03%, d₁ = 0.30%, d₂ = 0.03%, d₃ = 5.35%, d₄ = 94.28%

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

A. Vijaya

Vijaya Annapareddy

Product Quality Specialist

Reviewed by

Toni Rantanen

Toni Rantanen

Manager, Quality Assurance

C of A Approved by

Chanell Chu

Chanell Chu

Quality Assurance Associate

Test Date

10/29/2024

Retest Date

10/27/2028