

1. Identification

Catalogue Number

TRC-T436803

Lot Number

2-NZH-30-1

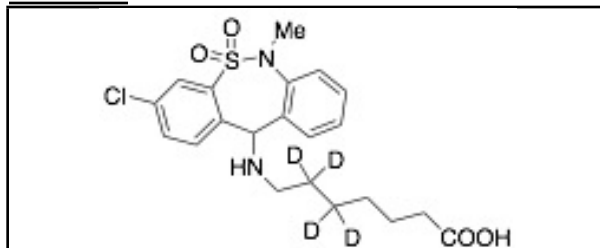
Product Name

Tianeptine-d4 (Major)

Synonyms

7-[(3-Chloro-6,11-dihydro-6-methyldibenzo[c,f][1,2]thiazepin-11-yl)amino]heptanoic Acid-d4; S,S-Dioxide; (+/-)-7-[(3-Chloro-6,11-dihydro-6-methyldibenzo[c,f][1,2]thiazepin-11-yl)amino]heptanoic Acid-d4 S,S-Dioxide; Coaxil-d4

Structure



CAS Number

N/A

Solubility

DMSO (Slightly), Methanol (Slightly)

Shipping Condition

This Product Is Stable To Be Shipped At Room Temperature

Molecular Formula

C₂₁H₂₁D₄ClN₂O₄S

Source of Product

Synthetic

Long Term Storage Conditions

-20°C, Hygroscopic

Molecular Weight

440.98

Purity

93%

2. Warnings

Hygroscopic

3. Analytical Information

Tests

Appearance

Specifications

White to Off-White Solid

Results

White Solid

NMR

Conforms to Structure

Conforms

Elemental Analysis

Conforms

%C: 53.29, %H: 5.11, %N: 5.77

HPLC Purity

Report Result

99.82% (205 nm)

MS

Conforms to Structure

Conforms

Additional Information

Elemental Analysis: (Theoretical) %C: 57.20, %H: 5.72, %N: 6.35

Normalized Intensity: d₀ = 1.03%, d₁ = 0.32%, d₂ = 0.00%, d₃ = 8.50%, d₄ = 90.15%

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



Henry Tieu

Product Quality Specialist

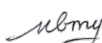
Reviewed by



Toni Rantanen

Manager, Quality Assurance

C of A Approved by



My Nguyen

Quality Assurance Associate

Test Date

10/20/2020

Retest Date

10/18/2024