

1. Identification

Catalogue Number

L173253

Lot Number

19-SBT-136-3

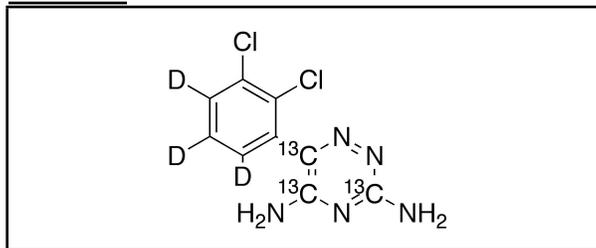
Product Name

Lamotrigine-13C3,d3, Major

Synonyms

6-(2,3-Dichlorophenyl)-1,2,4-triazine-3,5-diamine-13C3,d3; 3,5-Diamino-6-(2,3-dichlorophenyl)-1,2,4-triazine-13C3,d3; BW 430C-13C3,d3; LTG-13C3,d3; Lamictal-13C3,d3; Lamictal XR-13C3,d3; Lamotrigin-13C3,d3;

Structure



CAS Number

1246815-13-3

Solubility

DMSO (Slightly), Methanol (Slightly)

Shipping Condition

This Product Is Stable To Be Shipped At Room Temperature

Molecular Formula

C₆¹³C₃H₄D₃Cl₂N₅

Source of Product

Synthetic

Long Term Storage Conditions

-20°C

Molecular Weight

262.09

Purity

>95%

2. Warnings

Not Determined

3. Analytical Information

Tests

Appearance

Specifications

Off-White to Light Yellow Solid

Results

Pale Beige Solid

NMR

Conforms to Structure

Conforms

C NMR

Conforms to Structure

Conforms

HPLC Purity

>95%

97.46% (215 nm)

MS

Conforms to Structure

Conforms

Isotopic Purity

>95%

98.3%

Additional Information

Normalized Intensity: d₀ = 0.00%, d₁ = 0.00%, d₂ = 0.02%, d₃ = 0.01%, d₄ = 0.26%, d₅ = 9.57%, d₆ = 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

Chanell Chu

Quality Assurance Associate

Test Date

5/3/2024

Retest Date

5/1/2028