

1. Identification

Catalogue Number

T540251

Lot Number

11-AQL-82-2

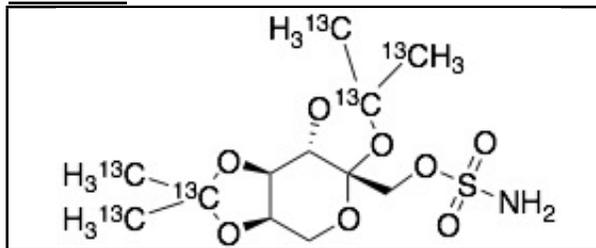
Product Name

Topiramate-13C6

Synonyms

2,3:4,5-Bis-O-(1-methylethylidene)-β-D-fuctopyranose 1-Sulfamate-13C6; Epitoma-13C6; Epitomax-13C6; McN 4853-13C6; RWJ 17021-13C6; TPM-13C6; Topamac-13C6; Topamax-13C6; Topimax-13C6; Topina-13C6; Topomax-13C6;

Structure



CAS Number

N/A

Solubility

Chloroform (Slightly), Methanol (Slightly)

Shipping Condition

This Product Is Stable To Be Shipped At Room Temperature

Molecular Formula

C₆¹³C₆H₂₁NO₈S

Source of Product

Synthetic

Long Term Storage Conditions

-20°C, Inert atmosphere

Molecular Weight

345.32

Purity

>95%

2. Warnings

Not Determined

3. Analytical Information

Tests

Appearance

Specifications

Off-White to Pale Beige Solid

Results

Off-White to Pale Beige Solid

NMR

Conforms to Structure

Conforms

HPLC Purity

>95%

99.71% (ELSD)

MS

Conforms to Structure

Conforms

Isotopic Purity

>95%

99.0%

Additional Information

Normalized Intensity: ¹³C₀ = 0.13%, ¹³C₁ = 0.23%, ¹³C₂ = 0.01%, ¹³C₃ = 0.12%, ¹³C₄ = 0.15%, ¹³C₅ = 3.28%, ¹³C₆ = 96.08%

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

Jingning Zhou

Product Quality Specialist

Reviewed by

Toni Rantanen

Manager, Quality Assurance

C of A Approved by

Sadaf Samadi

Quality Assurance Associate

Test Date

9/16/2024

Retest Date

9/14/2028