

1. Identification

Catalogue Number

T344212

Lot Number

4-MAR-185-1

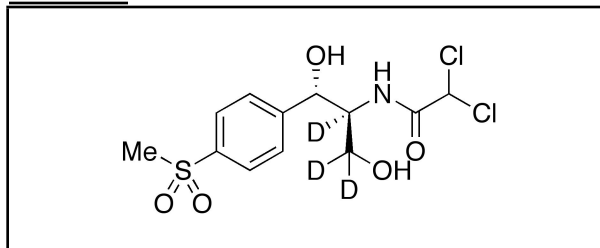
Product Name

ent-Thiamphenicol-d3

Synonyms

2,2-Dichloro-N-[(1S,2S)-2-hydroxy-1-(hydroxymethyl)-2-[4-(methylsulfonyl)phenyl]ethyl]acetamide-d3;
L-threo-2,2-Dichloro-N-[β-hydroxy-α-(hydroxymethyl)-p-(methylsulfonyl)phenethyl]Acetamide-d3;
Thiamphenicol Epimer-d3; Win 5063-3-d3;

Structure



CAS Number

1217723-41-5

Solubility

DMSO (Slightly), Ethanol (Slightly),
Methanol (Slightly)

Shipping Condition

This Product Is Stable To Be Shipped At Room
Temperature

Molecular Formula

C₁₂H₁₂D₃Cl₂NO₅S

Source of Product

Synthetic

Long Term Storage Conditions

-20°C

Molecular Weight

359.24

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

HPLC Purity

>95%

100.00% (225 nm)

MS

Conforms to Structure

Conforms

Isotopic Purity

>95%

99.2%

Additional Information

Normalized Intensity: d₀ = 0.04%, d₁ = 0.07%, d₂ = 2.29%, d₃ = 97.59%

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

Product Quality Specialist

Reviewed by



Toni Rantanen

Manager, Quality Assurance

C of A Approved by



Chanell Chu

Jr. Quality Assurance

Test Date

3/14/2023

Retest Date

3/12/2030