

1. Identification

Catalogue Number

A777906

Lot Number

6-APD-150-2

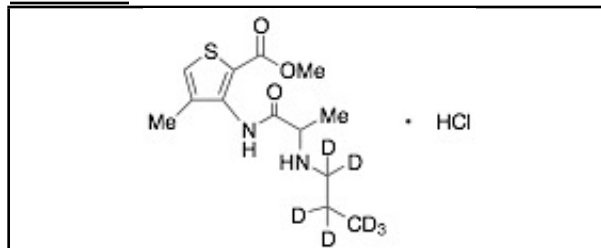
Product Name

Articaine-d7 Hydrochloride

Synonyms

Articaine-d7 Hydrochloride;

Structure



CAS Number

N/A

Solubility

DMSO (Slightly), Methanol (Slightly)

Shipping Condition

This Product Is Stable To Be Shipped At Room Temperature

Molecular Formula

C₁₃H₁₃D₇N₂O₃S · H Cl

Source of Product

Synthetic

Long Term Storage Conditions

4°C

Molecular Weight

327.88

Purity

>95%

2. Warnings

Not Determined

3. Analytical Information

Tests

Appearance

Specifications

White to Pale Beige Solid

Results

Pale Yellow to Pale Beige Solid

NMR

Conforms to Structure

Conforms

Elemental Analysis

Conforms

%C: 44.90, %H: 6.65, %N: 8.11

HPLC Purity

>95%

97.91% (275 nm)

MS

Conforms to Structure

Conforms

Isotopic Purity

>95%

>99.9%

Additional Information

Normalized Intensity: d₀ = 0.05%, d₁ = 0.02%, d₂ = 0.00%, d₃ = 0.01%, d₄ = 0.00%, d₅ = 0.06%, d₆ = 0.00%, d₇ = 99.86%

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

Sadaf Samadi

Sadaf Samadi

Quality Assurance Associate

Test Date

12/19/2024

Retest Date

12/17/2028