

1. Identification

Catalogue Number

T897252

Lot Number

1-JUZ-143-1

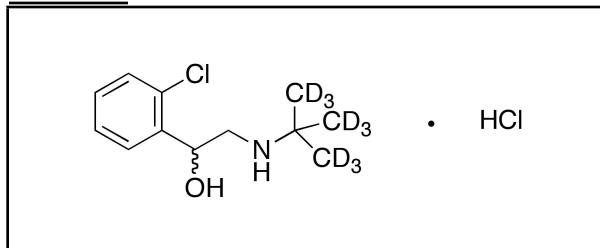
Product Name

Tulobuterol-d9 Hydrochloride

Synonyms

2-Chloro- α -[[(1,1-dimethylethyl-d9)amino]methyl]benzenemethanol Hydrochloride; (+/-)-Tulobuterol-d9 Hydrochloride; HN 078-d9 Hydrochloride; o-Chloro- α -[(tert-butylamino-d9)methyl]benzyl Alcohol Hydrochloride;

Structure



CAS Number

1325559-14-5

Solubility

Methanol (Slightly), Water (Slightly)

Shipping Condition

This Product Is Stable To Be Shipped At Room Temperature

Molecular Formula

C₁₂H₁₀D₉Cl₂NO

Source of Product

Synthetic

Long Term Storage Conditions

-20°C, Inert atmosphere

Molecular Weight

273.25

Purity

98%

2. Warnings

3. Analytical Information

Tests

Appearance

Specifications

White to Off-White Solid

Results

White to Off-White Solid

NMR

Conforms to Structure

Conforms

Elemental Analysis

Conforms

%C: 48.88, %H: 6.83, %N: 4.95

HPLC Purity

Report Result

97.94% (215 nm)

MS

Conforms to Structure

Conforms

Isotopic Purity

>95%

99.3%

Additional Information

Normalized Intensity: d₀ = 0.01%, d₁ = 0.00%, d₂ = 0.00%, d₃ = 0.00%, d₄ = 0.01%, d₅ = 0.00%, d₆ = 0.00%, d₇ = 0.15%, d₈ = 5.55%, d₉ = 94.28%

Purity is based on the analytical results of the tests performed. NMR and Elemental Analysis (if available) may have an accuracy of $\pm 2\%$. 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

R. Swathi

Swathi Reddy

Product Quality Specialist

Reviewed by

Toni Rantanen

Toni Rantanen

Manager, Quality Assurance

C of A Approved by

Chanell Chu

Chanell Chu

Jr. Quality Assurance

Test Date

4/4/2023

Retest Date

4/2/2030