

## 1. Identification

Catalogue Number

A633351

Lot Number

A-495

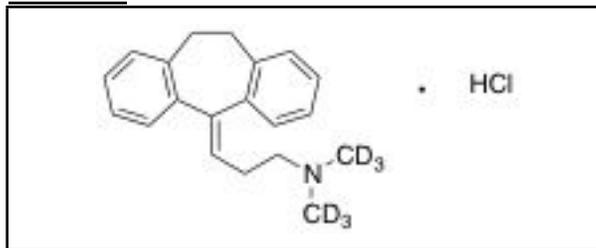
Product Name

Amitriptyline-d6 Hydrochloride

Synonyms

3-(10,11-Dihydro-5H-dibenzo[a,d]cyclohepten-5-ylidene)-N,N-dimethyl-1-propanamine-d6 Hydrochloride; Adepril-d6; Amineurin-d6; Domical-d6; Elavil-d6; Endep-d6; Euplit-d6; Laroxyl-d6; Tryptanol-d6; Tryptizol-d6;

Structure



CAS Number

203645-63-0

Solubility

Water (Slightly)

Shipping Condition

This Product Is Stable To Be Shipped At Room Temperature

Molecular Formula

C<sub>20</sub>H<sub>17</sub>D<sub>6</sub>N • HCl

Source of Product

Synthetic

Long Term Storage Conditions

-20°C, Hygroscopic

Molecular Weight

283.45 + 36.46

Purity

>95%

## 2. Warnings

Hygroscopic

## 3. Analytical Information

Tests

Appearance

Specifications

White to Dark Beige Solid

Results

White to Dark Beige Solid

NMR

Conforms to Structure

Conforms

HPLC Purity

>95%

99.61% (205 nm)

MS

Conforms to Structure

Conforms

Isotopic Purity

>95%

99.9%

Additional Information

Normalized Intensity: d<sub>0</sub> = 0.00%, d<sub>1</sub> = 0.00%, d<sub>2</sub> = 0.00%, d<sub>3</sub> = 0.00%, d<sub>4</sub> = 0.06%, d<sub>5</sub> = 0.40%, d<sub>6</sub> = 99.54%

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

Iuri Lutenco

Reviewed by

Toni Rantanen  
Manager, Quality Assurance

C of A Approved by

Chanell Chu  
Quality Assurance Associate

Test Date

8/23/2024

Retest Date

8/21/2031