## **Certificate of Analysis**

## Amitriptyline-d3 (hydrochloride)

Cat. No.: HY-135096
CAS No.: 342611-00-1
Batch No.: 265740

Chemical Name: 1-Propanamine, 3-(10,11-dihydro-5H-dibenzo[a,d]cyclohepten-5-ylidene)-N-methyl-N-(methyl-

d3)-, hydrochloride (9CI)

## PHYSICAL AND CHEMICAL PROPERTIES

Molecular Formula:  $C_{20}H_{21}D_3CIN$  Molecular Weight: 316.88

Storage: 4°C, sealed storage, away from moisture and light

\* In solvent: -80°C, 6 months; -20°C, 1 month (sealed storage, away from moisture and

light)

**Chemical Structure:** 

D N H-CI

## ANALYTICAL DATA

Appearance: White to off-white (Solid)

<sup>1</sup> H NMR Spectrum: Consistent with structure

LCMS: Consistent with structure

Purity (HPLC): 99.46%

**Conclusion:** The product has been tested and complies with the given specifications.

Caution: Product has not been fully validated for medical applications. For research use only.

Tel: 609-228-6898 Fax: 609-228-5909 E-mail: tech@MedChemExpress.com

Address: 1 Deer Park Dr, Suite Q, Monmouth Junction, NJ 08852, USA