

Analysis Date: 02-02-2026

Re-test Date: 02-02-2029

## AMITRIPTYLINE-D3 HYDROCHLORIDE

### Identification

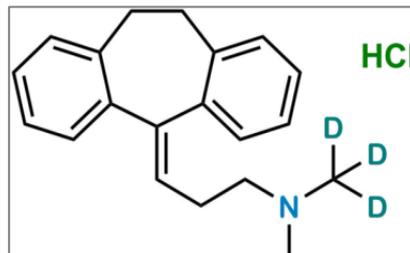
**Chemical Name** : 3-(10,11-Dihydro-5H-dibenzo[a,d][7]annulen-5-ylidene)-N-methyl-N-(methyl-d3)propan-1-amine hydrochloride

**CAT No** : ALL-AM0-150

**CAS No** : 342611-00-1

**Molecular Formula** : C<sub>20</sub>H<sub>20</sub>D<sub>3</sub>N : HCl

**Molecular Weight** : 280.4 : 36.5



### Analytical Information

<b>Batch No.</b>	: ALL-AM0-150	<b>HPLC Purity</b>	: 98.00 %
<b>Solubility</b>	: MeOH: ACN	<b>Potency</b>	: 96.60 %
<b>Appearance of Product</b>	: Off White Solid	<b>Mass</b>	: Confirm
<b>Long Term Storage</b>	: 2-8 <sup>0</sup> C	<b>IR Analysis</b>	: Confirm
<b>Weight Loss By TGA</b>	: 1.154 %	<b><sup>1</sup>HNMR</b>	: Confirm
<b>Residue Of Ignition</b>	: 0.267 %		

### Additional Information

**%Potency** = [100 - (Weight Loss By TGA % + Residue Of Ignition %) × Chromatographic Purity%]/100 =  
 [100 - (1.154 + 0.267) × 98.00]/100 = 96.60 %

**Recommendation** : Released

	Department	Name	Signature
Prepared and Reviewed by	Analytical	Mr. Vipul Khadse Jr. Executive	
Approved By	QA&QC	Dr. Ashish Keche Director QA&QC	

**Attachment** : HPLC, Mass, <sup>1</sup>H NMR, IR, TGA

**Shipping Condition** : All Product are stable to be shipped at room temperature, unless otherwise specified

#### Corporate Office