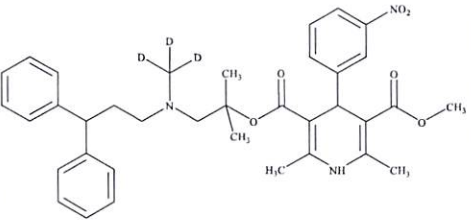


# Certificate of Analysis



Certificate No.: 20260617015

Date: June 17, 2026

Retest date: June 12, 2029

<b>Compound Name:</b>	<b>Lercanidipine-d<sub>3</sub></b>	
<b>Synonyms:</b>	3-(1-((3,3-diphenylpropyl)(methyl-d <sub>3</sub> )amino)-2-methylpropan-2-yl) 5-methyl 2,6-dimethyl-4-(3-nitrophenyl)-1,4-dihydropyridine-3,5-dicarboxylate	
<b>TLC Catalogue Number:</b>	L-17102	
<b>CAS Number:</b>	1190043-34-5	
<b>Alternate CAS Number:</b>	100427-26-7 (non-labelled)	
<b>Molecular Weight:</b>	614.76	
<b>Molecular Formula:</b>	C <sub>36</sub> H <sub>38</sub> D <sub>3</sub> N <sub>3</sub> O <sub>6</sub>	
<b>Source:</b>	TLC Pharmaceutical Standards	
<b>Source Lot No.:</b>	7412-083A3	
<b>Storage Conditions:</b>	Store at 2-8 °C	
<b>Solubility:</b>	Methanol, DMSO, DMF, Acetonitrile	

Test Description	Specifications	Results
<b>Visual Description</b>	Yellow solid	<b>Conforms</b>
<b>Identification</b>		
IR	Conforms to structure	<b>Conforms</b>
MS	Conforms to structure	<b>Conforms</b>
<sup>1</sup> H NMR	Conforms to structure	<b>Conforms</b>
<b>Purity (HPLC)</b>	Not less than 95.0%	<b>99.8%</b>
<b>Impurity (HPLC)</b>	RT 1.33, 0.17%	
<b>Isotopic Enrichment</b>	Not less than 98.0%	<b>99.8%</b>
<b>Water Content (KF)</b>	N/A	<b>0.4%</b>
<b>Residual Solvents (NMR)</b>	No residual solvent	
<b>Assay (%)</b>	Not less than 90.0%	<b>99.4%</b>
<b>Recommendation:</b>	<b>Release.</b>	

Name	Department	Signature	Date
Reviewed and approved by:	Quality Control		06/17/2026
Approved by:	Quality Assurance		06/17/2026

**Attachments:** Peak Attribution Table, Assay Calculation, HPLC, IR, MS and NMR spectra.