## **Certificate of Analysis**

## Lemildipine

Cat. No.: HY-19663 CAS No.: 94739-29-4 Batch No.: 101351

**Chemical Name:** 3,5-Pyridinedicarboxylic acid, 2-[[(aminocarbonyl)oxy]methyl]-4-(2,3-dichlorophenyl)-1,4-dihyd

ro-6-methyl-, 5-methyl 3-(1-methylethyl) ester

## PHYSICAL AND CHEMICAL PROPERTIES

Molecular Formula:  $C_{20}H_{22}Cl_2N_2O_6$ 

**Molecular Weight:** 457.30

Storage: Powder 3 years -20°C

2 years

In solvent -80°C 6 months

> -20°C 1 month

**Chemical Structure:** 

$$\begin{array}{c|c} CI \\ CI \\ O \\ O \\ N \\ N \end{array}$$

## **ANALYTICAL DATA**

White to yellow (Solid) Appearance: Consistent with structure <sup>1</sup>H NMR Spectrum: LCMS: Consistent with structure

Purity (LCMS): 98.06%

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.

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