## **Certificate of Analysis**

## **NIM811**

Cat. No.: HY-P0025
CAS No.: 143205-42-9
Batch No.: 273586

Chemical Name: Cyclosporin A, 9-(N-methyl-L-isoleucine)-

## PHYSICAL AND CHEMICAL PROPERTIES

Molecular Formula:  $C_{62}H_{111}N_{11}O_{12}$ Molecular Weight: 1202.61

**Storage:** Sealed storage, away from moisture

Powder -80°C 2 years

-20°C 1 years

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

**Chemical Structure:** 

## ANALYTICAL DATA

Appearance: White to off-white (Solid)

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

LCMS: Consistent with structure

Purity (HPLC): 99.52%

**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