## **Certificate of Analysis**

## Rifampicin

Cat. No.: HY-B0272
CAS No.: 13292-46-1
Batch No.: 178722

Chemical Name: Rifamycin, 3-[[(4-methyl-1-piperazinyl)imino]methyl]-

## PHYSICAL AND CHEMICAL PROPERTIES

Molecular Formula:  $C_{43}H_{58}N_4O_{12}$ Molecular Weight: 822.94

Storage: Powder -20°C 3 years

4°C 2 years

In solvent -80°C 6 months

-20°C 1 month

**Chemical Structure:** 

## **ANALYTICAL DATA**

Appearance: Pink to orange red (Solid)

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

LCMS: Consistent with structure

Purity (LCMS): 98.21%

**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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