## **Certificate of Analysis**

## **Benproperine (phosphate)**

Cat. No.: HY-114657A
CAS No.: 19428-14-9
Batch No.: 283871

Chemical Name: Piperidine, 1-[1-methyl-2-[2-(phenylmethyl)phenoxy]ethyl]-, phosphate (1:1)

## PHYSICAL AND CHEMICAL PROPERTIES

Molecular Formula:  $C_{21}H_{30}NO_5P$  Molecular Weight: 407.44

**Storage:** 4°C, sealed storage, away from moisture

\* In solvent: -80°C, 2 years; -20°C, 1 year (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 (LCMS): 99.35%

**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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