

## **Certificate of Analysis**

## **Imipramine N-oxide**

Cat. No.: HY-142122
CAS No.: 6829-98-7
Batch No.: 150425

Chemical Name: 5H-Dibenz[b,f]azepine-5-propanamine, 10,11-dihydro-N,N-dimethyl-, N-oxide

## PHYSICAL AND CHEMICAL PROPERTIES

Molecular Formula:  $C_{19}H_{24}N_2O$ Molecular Weight: 296.41

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: White to off-white (Solid)

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

LCMS: Consistent with structure

**Purity (LCMS):** 99.87%

**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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