## **Certificate of Analysis**

## **Dobutamine (hydrochloride)**

Cat. No.: HY-15746
CAS No.: 49745-95-1
Batch No.: 155114

Chemical Name: 1,2-Benzenediol, 4-[2-[[3-(4-hydroxyphenyl)-1-methylpropyl]amino]ethyl]-, hydrochloride (1:1)

## PHYSICAL AND CHEMICAL PROPERTIES

Molecular Formula:  $C_{18}H_{24}CINO_3$  Molecular Weight: 337.84

**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 gray (Solid)

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

LCMS: Consistent with structure

Purity (LCMS): 99.91%

**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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