## **Certificate of Analysis**

## **Tebipenem**

Cat. No.: HY-A0076 CAS No.: 161715-21-5 Batch No.: 275195

**Chemical Name:** 1-Azabicyclo[3.2.0]hept-2-ene-2-carboxylic acid, 3-[[1-(4,5-dihydro-2-thiazolyl)-3-azetidinyl]thio

]-6-[(1R)-1-hydroxyethyl]-4-methyl-7-oxo-, (4R,5S,6S)-

## PHYSICAL AND CHEMICAL PROPERTIES

Molecular Formula:  $C_{16}H_{21}N_3O_4S_2$ 

**Molecular Weight:** 383.49

Storage: Powder -20°C 3 years

> $4^{\circ}C$ 2 years

In solvent -80°C 2 years

> -20°C 1 year

**Chemical Structure:** 

## **ANALYTICAL DATA**

Appearance: White to khaki (Solid) <sup>1</sup> H NMR Spectrum: Consistent with structure LCMS: Consistent with structure

Purity (LCMS): 98.89%

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