## **Certificate of Analysis**

## Cbz-D-Glu(Bn)-Gly-Gly-Gly

**Cat. No.:** HY-47812 **Batch No.:** 273409

Chemical Name: (R)-5-(3-(Benzyloxy)-3-oxopropyl)-3,6,9,12,15-pentaoxo-1-phenyl-2-oxa-4,7,10,13,16-pentaazao

ctadecan-18-oic acid

## PHYSICAL AND CHEMICAL PROPERTIES

Molecular Formula:  $C_{28}H_{33}N_5O_{10}$ Molecular Weight: 599.59

Storage: -20°C, protect from light

\* In solvent : -80°C, 6 months; -20°C, 1 month (protect from light)

**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): 95.33%

**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