Certificate of Analysis

EC1167 (hydrochloride)

Cat. No.: HY-128938A **Batch No.:** 217958

Chemical Name: L-Cysteine, N-[2-[4-[(9S,13S)-9,13,15-tricarboxy-3,11-dioxo-2,4,10,12-tetraazapentadec-1-yl]phe

nyl]acetyl]-L- α -aspartyl-L- α -aspartyl- (hydrochloride)

PHYSICAL AND CHEMICAL PROPERTIES

Molecular Formula: $C_{33}H_{46}ClN_7O_{17}S$

Molecular Weight: 880.27

Storage: -20°C, protect from light, stored under nitrogen

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

Chemical Structure:

ANALYTICAL DATA

Appearance: White to off-white (Solid)

¹ H NMR Spectrum: Consistent with structure

MS: Consistent with structure

Purity (HPLC): 98.04%

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