Certificate of Analysis

Mal-Amido-PEG4-Boc

Cat. No.: HY-140967

CAS No.: 1415800-35-9

Batch No.: 153824

Chemical Name: 4,7,10,13-Tetraoxa-16-azanonadecanoic acid, 19-(2,5-dihydro-2,5-dioxo-1H-pyrrol-1-yl)-17-oxo-,

1,1-dimethylethyl ester

PHYSICAL AND CHEMICAL PROPERTIES

Molecular Formula: $C_{22}H_{36}N_2O_9$ Molecular Weight: 472.53

Storage: 4°C, stored under nitrogen

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

Chemical Structure:

 $\operatorname{Short}_{\operatorname{\mathsf{N}}}$

ANALYTICAL DATA

Appearance: Colorless to light yellow (Oil)

¹ H NMR Spectrum: Consistent with structure

LCMS: Consistent with structure

Purity (HPLC): 99.78%

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