



# DALIAN HANDOM CHEMICALS CO.,LTD.

Add.: RM702, Unit 1, Building 21, Liuhe Road, Ganjingzi Dist, Dalian, Liaoning, China  
E-mail: info@handomchemicals.com Web.: www.handomchemicals.com

## Certificate of Analysis

**Product Name:** (S)-22-carboxy-1-((2,5-dioxopyrrolidin-1-yl)oxy)-1,10,19,24-tetraoxo-3,6,12,15-tetraoxa-9,18,23-triazahentetracontan-41-oic acid

**Abbreviation:** HO-Ste-Glu(AEEA-AEEA-OSu)-OH

**CAS No.:** 1169630-40-3

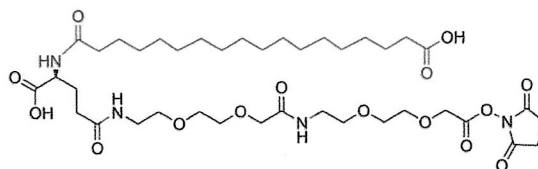
**Batch No.:** HDC20231212

**Manufacturing Date:** Dec 12<sup>th</sup>, 2023

**Quantity:** 512.30g

**Retest Date:** Dec 11<sup>th</sup>, 2025

### Chemical Structural Formula:



### Recommended Storage Conditions:

Short-term storage at room temperature; more than three months is best stored at 2-8 degrees Celsius; more than one year is best stored at -20±5 degrees Celsius.

For reducing the absorption of the moisture, it should be slowly warmed to ambient temperature before opened.

Test Items	Specifications	Test Results	Test Methods
Appearance	White or off-white solid	White solid	Visual
Identity	Meets the requirements	Conforms	<sup>1</sup> H-NMR
Purity	Not less than 90.0%	97.1%	HPLC

**\*Warnings:** HANDOM CHEM declares that its products comply with the information contained in this and other HANDOM's publications. Purchasers must determine the suitability of the products for their specific applications. The values indicated in the "Certificate of Analysis" are the results determined at the time of analysis.

Analyst: 蓝小正

QC Rechecker: 裴余春

QA Rechecker: [Signature]

Date: 2023.12.13

