Certificate of Analysis

Mal-GGG-Bal-NHS ester

Cat. No.: HY-160408 CAS No.: 1193111-65-7 Batch No.: 351295

Chemical Name: β-Alanine, N-[4-(2,5-dihydro-2,5-dioxo-1H-pyrrol-1-yl)-1-oxobutyl]glycylglycylglycyl-, 2,5-dioxo-

1-pyrrolidinyl ester

PHYSICAL AND CHEMICAL PROPERTIES

Molecular Formula: $C_{21}H_{26}N_6O_{10}$ **Molecular Weight:** 522.47

Storage: 4°C, stored under nitrogen

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

Chemical Structure:

ANALYTICAL DATA

White to off-white (Solid) Appearance: ¹H NMR Spectrum: Consistent with structure LCMS: Consistent with structure

Purity (LCMS): 96.62%

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.

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