## **Certificate of Analysis**

## Z-L(D-Val)G-CHN2

 Cat. No.:
 HY-108137A

 Batch No.:
 292441

Chemical Name: Benzyl ((S)-1-(((R)-1-((3-diazo-2-oxopropyl)amino)-3-methyl-1-oxobutan-2-yl)amino)-4-methyl-1

-oxopentan-2-yl)carbamate

## PHYSICAL AND CHEMICAL PROPERTIES

Molecular Formula:  $C_{22}H_{31}N_5O_5$  Molecular Weight: 445.51

Storage: -20°C, sealed storage, away from moisture and light

\* In solvent: -80°C, 6 months; -20°C, 1 month (sealed storage, away from moisture and

light)

**Chemical Structure:** 

## **ANALYTICAL DATA**

Appearance: White to off-white (Solid)

<sup>1</sup> H NMR Spectrum: Consistent with structure

LCMS: Consistent with structure

Enantiomeric Excess: 100.00%
Purity (LCMS): 99.35%

**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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