# **Certificate of Analysis**

## Cbz-Ala-Ala-Asn (TFA)

Cat. No.: HY-150242A Batch No.: 258814

**Chemical Name:** ((Benzyloxy)carbonyl)-L-alanyl-L-alanyl-L-asparagine compound with 2,2,2-trifluoroacetic acid (

## PHYSICAL AND CHEMICAL PROPERTIES

Molecular Formula:  $C_{20}H_{25}F_3N_4O_9$ 

**Molecular Weight:** 522.43

Storage: Sealed storage, away from moisture and light

> Powder -80°C 2 years

-20°C 1 years

\* 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) MS: Consistent with structure

Purity (HPLC): 99.54%

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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