Certificate of Analysis

KLD-12 (TFA)

Cat. No.: HY-P2263A **Batch No.:** 416782

Chemical Name: L-Leucinamide, N2-acetyl-L-lysyl-L-leucyl-L-α-aspartyl-L-leucyl-L-lysyl-L-leucyl-L-α-aspartyl-L-le

ucyl-L-lysyl-L-leucyl-L-α-aspartyl- (TFA)

PHYSICAL AND CHEMICAL PROPERTIES

Molecular Formula: $C_{68}H_{122}N_{16}O_{19}.xC_2HF_3O_2$ Molecular Weight: 1467.79 (free base)

Storage: Sealed storage, away from moisture

Powder -80°C 2 years

-20°C 1 year

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

Chemical Structure:

ANALYTICAL DATA

Appearance: White to off-white (Solid)

¹ H NMR Spectrum: Consistent with structure

MS: Consistent with structure

Purity (HPLC): 95.22%

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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