

Certificate of Analysis

Duostatin 5

Cat. No.: HY-145149 CAS No .: 2124210-34-8 Batch No.: 275624

Chemical Name: L-Valinamide, N,N-dimethyl-L-valyl-N-[(1S,2R)-4-[(2S)-2-[(1R,2R)-3-[[(1S)-2-(4-aminophenyl)-1-(a

zidomethyl)ethyl]amino]-1-methoxy-2-methyl-3-oxopropyl]-1-pyrrolidinyl]-2-methoxy-1-[(1S)-1

-methylpropyl]-4-oxobutyl]-N-methyl-

PHYSICAL AND CHEMICAL PROPERTIES

Molecular Formula: $C_{40}H_{69}N_9O_6$ **Molecular Weight:** 772.03

Storage: -20°C, protect from light, stored under nitrogen

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

Chemical Structure:

ANALYTICAL DATA

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

Purity (LCMS): 99.76%

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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