Certificate of Analysis

Tat-NR2B9c

Cat. No.: HY-P0117 CAS No .: 500992-11-0 Batch No.: 294330

Chemical Name: L-Valine, L-tyrosylglycyl-L-arginyl-L-lysyl-L-arginyl-L-

 $inyl-L-arginyl-L-lysyl-L-leucyl-L-seryl-L-isoleucyl-L-\alpha-glutamyl-L-seryl-L-\alpha-aspartyl-neucyl-L-arginyl-L-seryl-L-arginyl-L-seryl-L-arginyl-L-seryl-L-arginyl-L-seryl-L-arginyl-L-seryl-L-arginyl-L-seryl-L-arginyl-L-seryl-L-arginyl-L-seryl-L-arginyl-L-seryl-L-arginyl-L-seryl-L-arginyl-L-seryl-L-arginyl-L-seryl-L-arginyl-L-seryl-L-arginyl-L-seryl-L-arginyl-L-seryl-L-arginyl-L-seryl-L-arginyl-L-seryl-L-arginyl-L-arg$

PHYSICAL AND CHEMICAL PROPERTIES

Molecular Formula: $\mathsf{C}_{105}\mathsf{H}_{188}\mathsf{N}_{42}\mathsf{O}_{30}$

Molecular Weight: 2518.88

Sealed storage, away from moisture Storage:

> -80°C Powder 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

White to off-white (Solid) Appearance: MS: Consistent with structure

99.97% Purity (HPLC):

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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