

Certificate of Analysis

F992 (TFA)

Cat. No.: HY-P0041A Batch No.: 343031

Chemical Name: Glycinamide, N-(4-mercapto-1-oxobutyl)-D-phenylalanyl-3-(2-thienyl)-L-alanyl-L-isovalyl-L-aspa

raginyl-L-cysteinyl-(4R)-4-hydroxy-L-prolyl-D-arginyl-, cyclic (1→5)-thioether (TFA)

PHYSICAL AND CHEMICAL PROPERTIES

Molecular Formula: $C_{45}H_{65}N_{13}O_{11}S_2.xC_2HF_3O_2$

Molecular Weight: 1028.21 (free base)

Storage: Sealed storage, away from moisture and light

> -80°C Powder 2 years

> > -20°C 1 year

* 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): 98.19%

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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