

Inhibitors

Proteins

Certificate of Analysis

α-MSH (TFA)

Cat. No.: HY-P0252A CAS No .: 171869-93-5 Batch No.: 101556

Chemical Name: Valinamide, acetyl-L-seryl-L-tyrosyl-L-seryl-L-methionyl-L-glutamyl-L-histidyl-L-phenylalanyl-L-

arginyl-L-tryptophylglycyl-L-lysyl-L-prolyl-, L- (TFA)

PHYSICAL AND CHEMICAL PROPERTIES

Molecular Formula: $C_{77}H_{109}N_{21}O_{19}S.xC_2HF_3O_2$

Storage: Sealed storage, away from moisture and light, under nitrogen

> -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, under

nitrogen)

Chemical Structure:

ANALYTICAL DATA

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

Purity (LCMS): 98.79%

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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