

Analytical Data Sheet

Lot number **1000014331**
not for drug use

Catalog number H-7594.1000
Product number 4038334.1000
Product (D- Trp⁸) - γ_2 - MSH trifluoroacetate salt
H- Tyr- Val- Met- Gly- His- Phe- Arg- D- Trp- Asp- Arg-
Phe- Gly- OH trifluoroacetate salt
Molecular formula C₇₄H₉₉N₂₁O₁₆S
Relative molecular mass 1570.80

Tests	Results
Appearance	white powder
Identification (MALDI-MS)	1571.28
Amino acid analysis	Asx 1.04 (1) Phe 2.09 (2) Gly 2.08 (2) His 1.00 (1) Val 1.06 (1) Trp* 0.00 (1) Met* 0.05 (1) Arg 1.92 (2) Tyr 0.82 (1) *Partially destroyed during acid hydrolysis
Solubility	soluble in water at 1mg/mL
Purity (HPLC)	97.0%
Assay (AAA)	63.4%

Latest update: April 01, 2019

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