

Analytical Data Sheet

Lot number **1065356**
not for drug use

Catalog number H-3266.1000
Product number 4030465.1000
Product (D- Phe¹², Nle^{21,38}, α- Me- Leu³⁷) - CRF (12- 41)
 (human, rat) trifluoroacetate salt
 H- D- Phe- His- Leu- Leu- Arg- Glu- Val- Leu- Glu- Nle-
 Ala- Arg- Ala- Glu- Gln- Leu- Ala- Gln- Gln- Ala- His-
 Ser- Asn- Arg- Lys- α- Me- Leu- Nle- Glu- Ile- Ile- NH₂
 trifluoroacetate salt
Molecular formula C₁₅₉H₂₆₇N₄₉O₄₃
Relative molecular mass 3553.17

Tests	Results
Appearance	white powder
Identification (MALDI-MS)	m = 3552.5u
Amino acid analysis	Asx 1.1 (1) Val 1.2 (1) His 2.1 (2) Ala 4.0 (4) Phe 1.0 (1) Nle det. (2) Leu 4.2 (5) Arg 3.2 (3) Lys 1.1 (1) Glx 7.2 (7) Ser* 0.8 (1) Ile 1.8 (2) * partially destroyed during acid hydrolysis
Solubility	soluble in water
Purity (HPLC)	> 96%
Assay (AAA)	47.9%

Latest update: April 12, 2016

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