

Analytical Data Sheet

Lot number

1044806

not for drug use

Catalog Number

H-3266.0500

Product number

4030465.0500

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: October 04, 2012	Analytical Data Sheet Lot number 1044806