

Analytical Data

Code: 4361-v

Compound: [Pyr¹]-Apelin-13 (Human)

Pyr-Arg-Pro-Arg-Leu-Ser-His-Lys-Gly-Pro-Met-Pro-Phe

(M. W. 1533.80) C₆₉ H₁₀₈ N₂₂ O₁₆ S

Appearance : White amorphous powder

*** Elemental Analysis**

Found C, 48.98 ; H, 7.35 ; N, 16.72 %

*** Amino Acid Analysis**

Acid Hydrolysis: 6M HCl, 110°C, 22h.

Ser (1)0.89 Glu (1)1.01 Pro (3)3.02 Gly (1)0.96

Met (1)0.99 Leu (1)1.01 Phe (1)1.00 Lys (1)1.01

His (1)1.00 Arg (2)2.01

*** Mass Spectral Analysis** : Exhibits correct MW

Sample : 4361-v [Pyr1]-Apelin-13 (Human)
Sample Size : 0.5 μ L (0.5 mg/ 50 μ L-H₂O)
Column : Imtakt Cadenza CD-C18 (4.6 mm I.D. \times 150 mm) #XI02HFQ
Eluent : 0.1M NaCl (pH 2.4)
Gradient : Acetonitrile 10% to 60% [25 min.]
Flow Rate : 1.0 mL/min. , ; Press. : 130 kg/cm² , ; Temp. : 25°C
Detection : CH.1 210 nm

