

Analytical Data

Code: 3212-v

Compound: MOCac-Ser-Glu-Val-Asn-Leu-Asp-Ala-Glu-Phe-Arg-Lys(Dnp)-Arg-Arg-NH₂
(Trifluoroacetate Form)

(M. W. 2001.08) C₈₆ H₁₂₅ N₂₇ O₂₉

Appearance : Yellow jelly-like solid

*** Specific Optical Rotation**

$[\alpha]_D^{20}$ -24.0 ° (c 0.19, DMSO)

*** Elemental Analysis**

Found C, 45.61 ; H, 5.77 ; N, 15.57 %

*** Amino Acid Analysis**

Acid Hydrolysis: 6N HCl, 110°C, 22h.

Asp (2) 2.04	Ser (1) 0.94	Glu (2) 2.04	Ala (1) 1.01
Val (1) 0.99	Leu (1) 1.02	Phe (1) 1.00	NH ₃ (2) 2.18
Arg (3) 3.01			

Sample : 3212-v MOCac-Ser-Glu-Val-Asn-Leu-Asp-Ala-Glu-Phe-Arg-Lys(Dnp)-Arg-Arg-NH2
Sample Size : 0.4 μ L (1.1 mg/ 110 μ L- DMSO)
Column : YMC Pack ODS-A (4.6 mm I.D. \times 150 mm) #0415227748(W) + G (4 \times 10mm)
Eluent : 0.1% TFA
Gradient : Acetonitrile 10% to 60% [25 min.]
Flow Rate : 1.0 mL/min. , ; Press. : 84 kg/cm2 , ; Temp. : 40°C
Detection : CH.1 220 nm

