

Analytical Data

Code: 3721-v

Compound: FRETTS-25-STD2 (Trifluoroacetate Form)

Ala-Phe-Pro-Lys(Dnp)-D-Arg-D-Arg

(M. W. 940.02) C₄₁ H₆₁ N₁₅ O₁₁

Appearance : Yellow jelly-like solid

*** Elemental Analysis**

Found C, 40.87 ; H, 5.06 ; N, 15.00 %

*** Amino Acid Analysis**

Acid Hydrolysis: 6N HCl, 110°C, 24h.

Ala (1)1.00 Phe (1)0.97 Pro (1)1.00 Arg (2)2.00

Thin Layer Chromatography : Single spot

Layer : Silica Gel 60 (Merck)

Application : 50 μg

Solvent System : n-BuOH:AcOH:H₂O:pyridine=15:3:12:10

Located by iodine and ninhydrin reagent

Sample : 3721-v FRET5-25-STD2
Sample Size : 1.0 μ L (0.94 mg/ 94 μ L-50% AcOH)
Column : YMC Pack ODS-A (4.6 mm I.D. \times 150 mm) #0415227557 + G(4 \times 10 mm)
Eluent : 10 mM K-Pi (pH 2.6) + 50 mM Na2SO4
Gradient : Acetonitrile 10% to 60% [25 min.]
Flow Rate : 1.0 mL/min. , ; Press. : 79 kg/cm2 , ; Temp. : 40°C
Detection : CH. 1 210 nm

