

Analytical Data

Code: 3719-v

Compound: FRETs-25Val (Trifluoroacetate Form)
D-A₂pr (Nma)-Gly-[Phe/Ala/Val/Glu/Arg]-[Pro/Tyr/Lys/Ile/Asp]-Val-
Ala-Phe-Pro-Lys (Dnp)-D-Arg-D-Arg
A₂pr (Nma) : N^β-[2-(Methylamino)benzoyl]-2,3-diaminopropionic acid
(average M. W. 1559.32)

Appearance : Yellow jelly-like solid

*** Amino Acid Analysis**

Acid Hydrolysis: 6N HCl with phenol, 110°C, 24h.

Asp (0.2)0.22	Glu (0.2)0.21	Gly (1)1.00	Ala (1.2)1.28
Val (1.2)1.12	Ile (0.2)0.13	Tyr (0.2)0.20	Phe (1.2)1.26
Lys (0.2)0.22	Arg (2.2)2.37	Pro (1.2)1.29	A ₂ pr (1)0.80

High Performance Liquid Chromatography

Column : YMC Pack ODS-A, 4.6 mm I. D. × 150 mm, 37 °C
Eluent : 0.05 % TFA
grad. CH₃CN 10 % - 40 % (50 min.)
Flow rate : 1 mL/min.
Detection : 400 nm

Code: 3719-v **FRETS-25Val**

D-A2pr(Nma)-Gly-**Zaa-Yaa-Val**-Ala-Phe-Pro-Lys(Dnp)-D-Arg-D-Arg

Column: YMC ODS-A (4.6 x 150 mm)
Eluant: CH₃CN/H₂O (0.05% TFA)
Gradient: 10%-40%-40% CH₃CN (50 min)
Flow: 1 ml/min
Temp: 37°C
Monitor: 400 nm

