

Analytical Data

Code: 3224-s

Compound: FRET5-VWF73 (Trifluoroacetate Form)

Asp-Arg-Glu-A2pr (Nma)-Ala-Pro-Asn-Leu-Val-Tyr-Met-Val-Thr-
Gly-A2pr (Dnp)-Pro-Ala-Ser-Asp-Glu-Ile-Lys-Arg-Leu-Pro-Gly-
Asp-Ile-Gln-Val-Val-Pro-Ile-Gly-Val-Gly-Pro-Asn-Ala-Asn-
Val-Gln-Glu-Leu-Glu-Arg-Ile-Gly-Trp-Pro-Asn-Ala-Pro-Ile-
Leu-Ile-Gln-Asp-Phe-Glu-Thr-Leu-Pro-Arg-Glu-Ala-Pro-Asp-
Leu-Val-Leu-Gln-Arg
(M. W. 8314.28)

Appearance : Yellow amorphous powder

*** Specific Optical Rotation**

$[\alpha]_D^{20}$ -94.9 ° (c 0.18, 0.1% TFA)

*** Amino Acid Analysis**

Acid Hydrolysis: 6N HCl, 110°C, 22h. with thioglycolic acid

Asp (9)8.95	Thr (2)1.94	Ser (1)0.86	Glu (10)9.83
Gly (5)5.00	Ala (5)4.96	Val (7)6.39 †	Met (1)1.01
Ile (6)5.84	Leu (7)7.01	Tyr (1)0.97	Phe (1)1.04
Lys (1)0.98	NH ₃ (8)9.17	Trp (1)1.24	Arg (5)5.12
Pro (9)8.95			

† resistance of the Val-Val bond to acid hydrolysis

Mass Spectral Analysis : Exhibits correct MW

Sample : 3224-s FRET5-VWF73
Sample Size : 0.8 μ L (0.1 mg/ 20 μ L-1% AcOH)
Column : YMC Pack ODS-A (4.6 mm I.D. \times 150 mm) #0415227715 + G (4 \times 10 mm)
Eluent : 0.1M NaCl (pH 2.4)
Gradient : Acetonitrile 20% to 60% [25 min.]
Flow Rate : 1.0 mL/min. , ; Press. : 106 kg/cm² , ; Temp. : 50°C
Detection : CH.1 210 nm

