

Analytical Data

Code: 3720-v

Compound: FRETs-25-STD1

D-A₂pr (Nma)-Gly

A₂pr(Nma) : N^β-[2-(Methylamino)benzoyl]-2, 3-diaminopropionic acid

(M. W. 294. 31)

C₁₃ H₁₈ N₄ O₄

Appearance

: Colorless jelly-like solid

*** Elemental Analysis**

Found C, 52.64 ; H, 6.08 ; N, 18.80 %

*** Amino Acid Analysis**

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

Gly (1)1.00

A2pr(1)0.98

Sample : 3720-v FRETs-25-STD1
Sample Size : 0.3 μ L (1 μ mol/ 58 μ L-50% AcOH)
Column : YMC-Pack ODS-A (4.6 mm I.D. $\times$ 150 mm) #117HB20225 + G(4 $\times$ 10 mm)
Eluent : 10mM K-Pi(pH 2.6) + 50mM Na₂SO₄
Gradient : Acetonitrile 1% to 60% [25 min.]
Flow Rate : 1.0 mL/min. , ; Press. : 101 kg/cm² , ; Temp. : 25°C
Detection : CH.1 210 nm

