

Analytical Data

Code: 3019

Compound: Z-Gly-Leu

(M. W. 322.36) $C_{16}H_{22}N_2O_5$

Appearance : White crystalline powder

Specific Optical Rotation

$[\alpha]_D^{24}$ -10.0 ° (c 2.3, EtOH)

Elemental Analysis

Calcd. for $C_{16}H_{22}N_2O_5$

C, 59.61 ; H, 6.88 ; N, 8.69 %

Found C, 59.46 ; H, 6.94 ; N, 8.62 %

Thin Layer Chromatography : Single spot

Layer : Silica Gel 60 (Merck)

Application : 100 μ g

Solvent System : $CHCl_3$:MeOH:AcOH=95:5:3

$CHCl_3$:MeOH:AcOH:H₂O=10:10:1:10 (lower phase)

Located by HBr/ninhydrin reagent

Sample : 3019 Z-Gly-Leu
Sample Size : 0.5 μ L (0.90 mg/ 90 μ L- MeOH)
Column : YMC Pack ODS-A (4.6 mm I.D. \times 150 mm) #0415227557(W) + G (4 \times 10 mm)
Eluent : 10mM K-Pi (pH 2.6) + 50mM Na2SO4
Gradient : Acetonitrile 10% to 60% [25 min.]
Flow Rate : 1.0 mL/min. , ; Press. : 114 kg/cm2 , ; Temp. : 25 $^{\circ}$ C
Detection : CH.1 210 nm

