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Analytical Data

Code: **3021**

Compound: Z-Gly-Phe-NH_2

(M.W. 355.39) $C_{19}H_{21}N_3O_4$

Appearance : White powder

Melting Point : 131 ～ 132

Specific Optical Rotation

$[\alpha]_D^{24}$ +9.3 ° (c 0.69, EtOH)

Elemental Analysis

Found C, 64.12 ; H, 6.00 ; N, 11.84 %

Thin Layer Chromatography : Single spot

Layer : Silica Gel 60(Merck)

Application : 100μg

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

$CHCl_3$:MeOH:AcOH:H_2O=10:10:1:10(lower phase)

Located by HBr/ninhydrin reagent

Sample : 3021 Z-Gly-Phe-NH2
Sample Size : 0.4 μL(2.75 mg/275 μL-MeOH)
Column : YMC Pack ODS-A (4.6 mmI..D. × 150 mm) #0415227557 + G(4 × 10 mm)
Eluent : 10 mM K-Pi(pH 2.6) + 50 mM Na2SO4
Gradient : Acetonitrile 20% to 60% [25 min.]
Flow Rate : 1.0 mL/min. , ;Press. : 106 kg/cm2 , ;Temp. : 25℃
Detection : CH. 1 210 nm