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Analytical Data

Code: **3055**

Compound: Z-Gly-Pro

(M.W. 306.31) $C_{15}H_{18}N_2O_5$

Appearance : White crystalline powder

Melting Point : 159 ～ 160 ℃

Specific Optical Rotation

$[\alpha]_D^{20}$ -61.8 ° (c 1.28, DMF)

Elemental Analysis

Found C, 58.84 ; H, 5.91 ; N, 9.11 %

Thin Layer Chromatography : Single spot

Layer : Silica Gel 60(Merck)

Application : 100 μg

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 : 3055 Z-Gly-Pro
Sample Size : 1.4 μL (1.04 mg/ 208 μL-MeOH)
Column : YMC Pack ODS-A (4.6 mm I.D. × 150 mm) #0415227556(W) + G(4×10 mm)
Eluent : 10 mM K-Pi (pH 2.6) + 50 mM Na2SO4
Gradient : Acetonitrile 10 % to 60 % [25 min.]
Flow Rate : 1.0 mL/min. ;Press. : 107 kg/cm2 ;Temp. : 25 ℃
Detection : CH.1 210 nm