

## Analytical Data

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**Code:** 3164-s

**Compound:** MOCAc-Pro-Leu-Gly

(M. W. 501.53)  $C_{25}H_{31}N_3O_8$

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**Appearance** : White amorphous powder

**\* Specific Optical Rotation**

$[\alpha]_D^{26}$  -56.2 ° (c\* 0.66, DMSO)

\* c value was calculated from the net peptide weight.

**\* Elemental Analysis**

Found C, 59.11 ; H, 6.37 ; N, 8.12 %

**\* Amino Acid Analysis**

Acid Hydrolysis: 6N HCl, 110°C, 22h.

Pro (1)0.97 Gly (1)0.97 Leu (1)1.00

**Thin Layer Chromatography** : Single spot

Layer : Silica Gel 60 (Merck)

Application : 100  $\mu$ g

Solvent System : CHCl<sub>3</sub> : MeOH : AcOH = 85 : 15 : 5

Located by iodine and HBr/ninhydrin reagent

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Sample : 3164-s MOCac-Pro-Leu-Gly  
Sample Size : 0.8  $\mu$ L ( 0.11 mg/ 22  $\mu$ L- AcOH )  
Column : YMC Pack ODS-A (4.6 mm I.D.  $\times$  150 mm) #0415227557(W) + G(4 $\times$ 10mm)  
Eluent : 10mM K-Pi (pH 2.6) + 50mM Na2SO4  
Gradient : Acetonitrile 10% to 60% [25 min.]  
Flow Rate : 1.0 mL/min. , ; Press. : 113 kg/cm2 , ; Temp. : 25  $^{\circ}$ C  
Detection : CH. 1 210 nm

