

## Analytical Data

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**Code:** 3116

**Compound:** Suc-Ala-pNA

(M. W. 309.27)  $C_{13}H_{15}N_3O_6$

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**Appearance** : Pale yellow powder

**Melting Point** : 184 ~ 186 °C

**Specific Optical Rotation**

$[\alpha]_D^{20}$  -45.0 ° (c 1.08, DMF)

**Elemental Analysis**

Found C, 49.67 ; H, 5.10 ; N, 13.33 %

**Thin Layer Chromatography** : Single spot

Layer : Silica Gel 60 (Merck)

Application : 100  $\mu$ g

Solvent System :  $CHCl_3$  : MeOH : AcOH = 85 : 15 : 5

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

Located by iodine and HBr/ninhydrin reagent

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Sample : 3116 Suc-Ala-pNA  
Sample Size : 0.3  $\mu$ L (1.00 mg/ 100  $\mu$ L-DMF)  
Column : YMC Pack ODS-A (4.6 I.D.  $\times$  150 mm) #0415227557 + G(4  $\times$  10 mm)  
Eluent : 10 mM K-Pi (pH 2.6) + 50 mM Na<sub>2</sub>SO<sub>4</sub>  
Gradient : Acetonitrile 10% to 60% [25 min.]  
Flow Rate : 1.0 ml/min. , ; Press. : 104 kg/cm<sup>2</sup> , ; Temp. : 25°C  
Detection : CH. 1 210 nm

