

## Analytical Data

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**Code:** 3034

**Compound:** Ac-Trp-OEt

(M. W. 274.32) C<sub>15</sub> H<sub>18</sub> N<sub>2</sub> O<sub>3</sub>

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**Appearance** : White crystalline powder

**Melting Point** : 109 ~ 110 °C

**Specific Optical Rotation**

$[\alpha]_D^{26} +6.51^\circ$  (c 1.8, EtOH)

**Elemental Analysis**

Found C, 65.74 ; H, 6.61 ; N, 10.11 %

**Thin Layer Chromatography** : Single spot

Layer : Silica Gel 60 (Merck)

Application : 100 μg

Solvent System : CHCl<sub>3</sub>:MeOH:AcOH=95:5:3

CHCl<sub>3</sub>:MeOH:AcOH:H<sub>2</sub>O=10:10:1:10 (lower phase)

Located by Ehrlich reagent

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Sample : 3034 Ac-Trp-OEt  
Sample Size : 0.8  $\mu$ L ( 0.93 mg/ 465  $\mu$ L-MeOH )  
Column : YMC Pack ODS-A (4.6 mm I.D.  $\times$  150mm) #0415227556 + 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. : 110 kg/cm<sup>2</sup> , ; Temp. : 25°C  
Detection : CH. 1 210 nm

