

Analytical Data

Code: 3074-v

Compound: Gly-Pro-pNA·Tos

(M. W. 292.29 · 172.20) $C_{13}H_{16}N_4O_4 \cdot TosOH$

Appearance : Pale yellow amorphous powder

* **Melting Point** : 221 ~ 222 °C

* **Specific Optical Rotation**

$[\alpha]_D^{20}$ -80.3 ° (c 1.0, MeOH)

* **Elemental Analysis**

Calcd. for $C_{13}H_{16}N_4O_4 \cdot Tos$

C, 51.72 ; H, 5.21 ; N, 12.06 %

Found C, 51.52 ; H, 5.19 ; N, 11.98 %

Thin Layer Chromatography : Single spot

Layer : Silica Gel 60

Application : 100 μg

Solvent System : n-BuOH:AcOH:H₂O=4:1:5 (upper phase)

Located by ninhydrin reagent

Sample : 3074-v Gly-Pro-pNA•Tos
Sample Size : 0.4 μ L (1.07 mg/ 107 μ L-H₂O)
Column : YMC Pack ODS-A (4.6 mm I.D. \times 150 mm) #0415227557 + G(4 \times 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. : 118 kg/cm² , ; Temp. : 25°C
Detection : CH.1 210 nm

