

Analytical Data Sheet

Lot number **1060078**
not for drug use

Catalog number **J-1210.1000**
Product number **4000721.1000**
Product **H- Gly- Pro- 4MβNA**
Molecular formula **C₁₈H₂₁N₃O₃**
Relative molecular mass **327.38**

Tests	Results
Appearance	white product
Appearance of solution	clear, colorless solution (50 mg/mL in methanol)
Identification (TLC)	complies with authentic material
Melting point	140 °C
Purity (TLC)	> 99%
Related impurities (TLC)	< 0.1% 4- MβNA (4-Methoxy-β-naphthylamine)
TLC conditions	n-butanol/acetic acid/H ₂ O 4/2/2 chloroform/methanol/acetic acid 32% 5/3/1 chloroform/methanol/acetic acid 90/8/2 plate: silicagel 60 F ₂₅₄ detected by: UV, ninhydrin, chlorine-tolidine
Assay (elemental analysis)	96.52% (Nth 12.83%, Nfd 12.38)

Latest update: June 23, 2015

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