

## Analytical Data Sheet

Lot number **1054101**  
not for drug use

Catalog number **J-1355.0025**  
Product number **4013326.0025**  
Product **Glutaryl- Ala- Ala- Phe- 4MβNA**  
Molecular formula **C<sub>31</sub>H<sub>36</sub>N<sub>4</sub>O<sub>7</sub>**  
Relative molecular mass **576.65**

Tests	Results
Appearance	white powder
Appearance of solution	clear, colorless solution (50 mg/ml in DMF)
Identification (TLC)	complies with authentic material
Purity (TLC)	> 99%
Related impurities (TLC)	< 0.1% 4MβNA
TLC conditions	chloroform/methanol/acetic acid 32% 5/3/1 chloroform/methanol/acetic acid 32% 15/4/1 plate: silicagel 60 F <sub>254</sub> detected: UV, ninhydrin, chlorine-tolidine, TMB