

## Analytical Data Sheet

Lot number **1000012629**  
not for drug use

Catalog number **L-1515.0100**  
Product number **4010701.0100**  
Product **Tos- Gly- Pro- Lys- pNA acetate salt**  
Molecular formula **C<sub>26</sub>H<sub>34</sub>N<sub>6</sub>O<sub>7</sub>S**  
Relative molecular mass **574.66**

| Tests                         | Results   |
|-------------------------------|---|
| Appearance                    | slightly yellow powder  |
| Appearance of solution        | clear, slightly yellow solution (50 mg/mL in methanol)  |
| Identification (TLC)          | complies with authentic material  |
| Purity (HPLC)                 | 99.7% (TFA)<br>99.5% (TEAP)   |
| Purity (TLC)                  | > 99%   |
| Related impurities (TLC)      | < 0.1% pNA  |
| TLC conditions                | n-butanol/acetic acid/H <sub>2</sub> O 4/2/2<br>chloroform/methanol/acetic acid 32% 5/3/1<br>chloroform/methanol/acetic acid/H <sub>2</sub> O 70/42/0.5/10<br>plate: silicagel 60 F <sub>254</sub><br>detected by: UV, ninhydrin, chlorine-tolidine |
| Assay (elemental analysis)    | 83.5% (Nth 14.62%, Nfd 12.20%)  |
| Water content (KF volumetric) | 1.1%  |

Latest update: February 20, 2019

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