

---

**Certificate of Analysis**

---

Product Name: UFP-101

Cat. No.: GC12473

Batch No.: 1

Chemical Name: (S,Z)-6-amino-N-((S,Z)-1-(((S)-6-amino-1-hydroxy-1-iminohexan-2-yl)imino)-5-guanidino-1-hydroxypentan-2-yl)-2-((Z)-((4Z,7Z,10Z,12S,13Z,15S,16Z,19Z,21S,22Z,24S,25Z,27S,28Z,30S,31Z,33S,34Z,36S)-27-(4-aminobutyl)-12-benzyl-24,36-bis(3-guanidinopropyl)-4,7,10

**PHYSICAL AND CHEMICAL PROPERTIES**

Cas. No.: 849024-68-6  
Molecular Formula: C<sub>82</sub>H<sub>138</sub>N<sub>32</sub>O<sub>21</sub>  
Molecular Weight: 1665.94  
Storage: Desiccate at -20°C  
Chemical Structure:

**ANALYTICAL DATA**

Appearance: solid  
HNMR: Consistent with structure  
HPLC: Consistent with structure  
Purity: >98%  
Conclusion: The product has been tested and complies with the given specifications.

**Caution: Product has not been fully validated for medical applications. For research use only.**

Tel: (909) 407-4943 Fax: (626) 353-8530 E-mail: tech@glpbio.com

Address: 10292 Central Ave. #205, Montclair, CA, USA