

---

**Certificate of Analysis**

---

Product Name: BVD 10  
Cat. No.: GC14393  
Batch No.: 1  
Chemical Name: (S,Z)-1-((S)-2-((Z)-((2S,3S)-2-amino-1-hydroxy-3-methylpentylidene)amino)-4-hydroxy-4-iminobutanoyl)-N-((4S,5Z,7S,8Z,10S,11Z,13S,14Z,16S,17Z,19S,20S)-7,13-bis(3-guanidinopropyl)-6,9,12,15,18-pentahydroxy-4,16-bis(4-hydroxybenzyl)-10-isobutyl-20-methyl-3-o

**PHYSICAL AND CHEMICAL PROPERTIES**

Cas. No.: 262418-00-8  
Molecular Formula: C<sub>58</sub>H<sub>92</sub>N<sub>16</sub>O<sub>13</sub>  
Molecular Weight: 1221.46  
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