

Certificate of Analysis

Product Name: GTFTSDVSKQMEEEEAVRLFIEWLKNGGPSSGAPPPS (trifluoroacetate salt)
 Cat. No.: GC92126
 Batch No.: 1

Chemical Name: (S)-N1-((S)-6-amino-1-(((S)-3-hydroxy-1-(((3S,7S)-8-(((S)-3-hydroxy-1-(((2S,3R)-3-hydroxy-1-(((S)-1-(((2S,3R)-3-hydroxy-1-oxo-1-((2-oxoethyl)amino)butan-2-yl)amino)-1-oxo-3-phenylpropan-2-yl)amino)-1-oxobutan-2-yl)amino)-1-oxopropan-2-yl)amino)-7-(hydroxyamino)-2-methyl-4,5,8-trioxooctan-3-yl)amino)-1-oxopropan-2-yl)amino)-1-oxohexan-2-yl)-2-((S)-2-((4S,9S,14S,17S)-17-((S)-2-(2-((4S,7S)-7-((S)-2-((2S,3S)-2-((4S,7S)-7-((S)-2-((S)-6-amino-2-(2-((S)-1-amino-6-(2-((S)-1-(hydroxy-L-seryl-L-prolyl-L-prolyl-L-prolyl-L-alanylglycyl-L-seryl-L-seryl)pyrrolidine-2-carboxamido)acetamido)-1,4,5-trioxohexan-3-yl)hydrazineyl)hexanamido)-4-methylpentanamido)-4-(hydroxyamino)-8-(1H-indol-3-yl)-5,6-dioxooctanamido)-3-methylpentanamido)-3-phenylpropanamido)-1-((diaminomethylene)amino)-9-methyl-5,6-dioxodecan-4-yl)hydrazineyl)-3-methylbutanamido)-4,9,14-tris(hydroxyamino)-5,6,10,11,15,16-hexaoxooctadecanamido)-4-(methylthio)butanamido)pentanediamide, trifluoroacetate salt

PHYSICAL AND CHEMICAL PROPERTIES

Cas. No.:
 Molecular Formula: $C_{170}H_{262}N_{44}O_{56}S \cdot XCF_3COOH$
 Molecular Weight: 3850.2
 Storage: $-20^{\circ}C$

Chemical Structure:

H—Gly—Thr—Phe—Thr—Ser—Asp—Val—Ser—Lys—Gln—
 Met—Glu—Glu—Glu—Ala—Val—Arg—Leu—Phe—Ile—
 Glu—Trp—Leu—Lys—Asn—Gly—Gly—Pro—Ser—Ser—
 Gly—Ala—Pro—Pro—Pro—Ser—OH
 • XCF_3COOH

ANALYTICAL DATA

Appearance: A solid
 HNMR: Consistent with structure
 HPLC: Consistent with structure
 Purity: >95.00%
 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