Certificate of Analysis

Product Name:	GTFTSDVSKQMEEEAVRLFIEWLKNGGPSSGAPPPS (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:	$C_{170}H_{262}N_{44}O_{56}S$? XCF_3COOH
Molecular Weight:	3850.2
Storage:	-20°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.

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