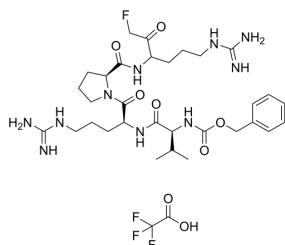


Certificate of Analysis

| | |
|-----------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Product Name: | Z-VRPR-FMK (TFA) |
| Cat. No.: | CS-0033225 |
| Batch No.: | 123732 |
| Chemical Name: | Benzyl ((2S)-1-(((2S)-1-((2S)-2-((1-Fluoro-6-guanidino-2-oxohexan-3-yl)carbamoyl)pyrrolidin-1-yl)-5-guanidino-1-oxopentan-2-yl)amino)-3-methyl-1-oxobutan-2-yl)carbamate 2,2,2-trifluoroacetate |

PHYSICAL AND CHEMICAL PROPERTIES

| | |
|----------------------------|-------------------------------------------------------------------------------|
| Molecular Formula: | C ₃₃ H ₅₀ F ₄ N ₁₀ O ₈ |
| Molecular Weight: | 790.81 |
| Storage: | -80°C, 2 years; -20°C, 1 year (Sealed storage, away from moisture) |
| Chemical Structure: | |



ANALYTICAL DATA

| | |
|-----------------------|-------------------------------------------------------------------------|
| Appearance: | White to off-white (Solid) |
| Purity (HPLC): | 95.92% |
| 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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