

# **Certificate of Analysis**

## **RIVTSEEVIIRDS (TFA)**

**Cat. No.:** HY-P3665A **Batch No.:** 240477

Chemical Name: (2S,5S,8S,11S,14S,17S,20S,23S)-11,14-Di((S)-sec-butyl)-20-(2-carboxyethyl)-5-(carboxymethyl)-2

3-((6S,9S,12S,15S,18S)-1,6-diamino-9-((S)-sec-butyl)-15-((R)-1-hydroxyethyl)-18-(hydroxymethyl)-1-imino-12-isopropyl-7,10,13,16-tetraoxo-2,8,11,14,17-pentaazanonadecan-19-amido)-8-(3-guanidinopropyl)-2-(hydroxymethyl)-17-isopropyl-4,7,10,13,16,19,22-heptaoxo-3,6,9,12,15,18,21-hydroxymethyl)-17-isopropyl-4,7,10,13,16,19,22-heptaoxo-3,6,9,12,15,18,21-hydroxymethyl)-17-isopropyl-4,7,10,13,16,19,22-heptaoxo-3,6,9,12,15,18,21-hydroxymethyl)-17-isopropyl-4,7,10,13,16,19,22-heptaoxo-3,6,9,12,15,18,21-hydroxymethyl)-17-isopropyl-4,7,10,13,16,19,22-heptaoxo-3,6,9,12,15,18,21-hydroxymethyl)-18-(hydroxym

eptaazahexacosanedioic acid compound with 2,2,2-trifluoroacetic acid (1:1)

#### PHYSICAL AND CHEMICAL PROPERTIES

Molecular Formula:  $C_{66}H_{114}F_3N_{19}O_{25}$ 

Molecular Weight: 1630.72

Storage: Sealed storage, away from moisture

Powder  $-80^{\circ}$ C 2 years  $-20^{\circ}$ C 1 years

\* In solvent: -80°C, 6 months; -20°C, 1 month (sealed storage, away from moisture)

**Chemical Structure:** 

#### RIVTSEEVIIRDS (TFA)

### **ANALYTICAL DATA**

Appearance: White to off-white (Solid)

MS: Consistent with structure

Purity (HPLC): 99.02%

**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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