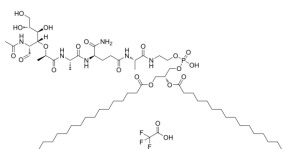


## Certificate of Analysis

|                       |  |
|-----------------------|--|
| <b>Product Name:</b>  | Mifamurtide (TFA)  |
| <b>Cat. No.:</b>      | CS-0134697   |
| <b>Batch No.:</b>     | 112794   |
| <b>Chemical Name:</b> | 2,2,2-Trifluoroacetic acid compound with (2R)-3-((((4R,5R,7R,10S,13R,18S)-13-carbamoyl-4-formyl-7,10,18-trimethyl-2,8,11,16,19-pentaoxo-5-((1R,2R)-1,2,3-trihydroxypropyl)-6-oxa-3,9,12,17,20-pentaazadocosan-22-yl)oxy)(hydroxy)phosphoryl)oxy)propane-1,2-diyl dipalmitate (1:1) |

### PHYSICAL AND CHEMICAL PROPERTIES

|                            |  |
|----------------------------|--|
| <b>Molecular Formula:</b>  | C <sub>61</sub> H <sub>110</sub> F <sub>3</sub> N <sub>6</sub> O <sub>21</sub> P |
| <b>Molecular Weight:</b>   | 1351.52  |
| <b>Storage:</b>            | 2-8°C, sealed storage, away from moisture  |
| <b>Chemical Structure:</b> |  |



### ANALYTICAL DATA

|                                    |   |
|------------------------------------|---|
| <b>Appearance:</b>                 | White to off-white (Solid)  |
| <b><sup>1</sup>H NMR Spectrum:</b> | Consistent with structure   |
| <b>MS:</b>                         | Consistent with structure   |
| <b>Purity (NMR):</b>               | ≥98.0%  |
| <b>Conclusion:</b>                 | 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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