

Certificate of Analysis

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 Product Name
 : MM-589

 Cat. No.
 : PC-70104

 CAS No.
 : 2097887-21-1

 Batch No.
 : PC-7010401

Chemical Name : N-((3R,6S,9S,12R)-6-ethyl-12-methyl-9-(3-(3-methylguanidino)propyl)-2,5,8,11-tetraoxo-3-

 $phenyl-1,4,7,10-tetra azacyclotetra decan-12-yl) is obutyramide\ 2,2,2-trifluoroacetate$

PHYSICAL AND CHEMICAL PROPERTIES

 $\begin{tabular}{lll} \textbf{Molecular Weight} & \textbf{:} & 686.734 \\ \textbf{Molecular Formula} & \textbf{:} & C_{30}H_{45}F_3N_8O_7 \\ \end{tabular}$

Storage : Powder -20°C 12 Months

4°C 6 Months

In solvent -80°C 6 Months

-20°C 6 Months

Chemical Structure :

ANALYTICAL DATA

Appearance: Solid powder¹H NMR Spectrum: Consistent withHPLC: Consistent withNP: Consistent with

Purity (HPLC and/or LCMS) : >98%

Conclusion : The product has been tested and complies with the given specifications.

Caution: Product has not been fully validated for medical applications. Lab Use Only!

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