Certificate of Analysis

MM-589 (TFA)

Cat. No.: HY-100869A 2253167-09-6 CAS No .:

Batch No.: 59593

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

yl-1,4,7,10-tetraazacyclotetradecan-12-yl)isobutyramide 2,2,2-trifluoroacetate

PHYSICAL AND CHEMICAL PROPERTIES

Molecular Formula: $C_{30}H_{45}F_3N_8O_7$

Molecular Weight: 686.72

Storage: -20°C, sealed storage, away from moisture

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

Chemical Structure:

ANALYTICAL DATA

White to off-white (Solid) Appearance: MS: Consistent with structure

Purity (HPLC): 98.67%

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.

Tel: 609-228-6898 Fax: 609-228-5909 E-mail: tech@MedChemExpress.com

Address: 1 Deer Park Dr, Suite Q, Monmouth Junction, NJ 08852, USA