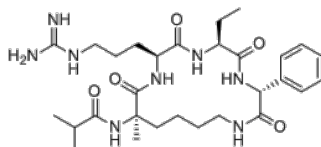


**Product Name** : MM-401  
**Cat. No.** : PC-70114  
**CAS No.** : 1442106-10-6  
**Batch No.** : PC-7011401  
**Chemical Name** : N-((3R,6S,9S,12R)-6-ethyl-9-(3-guanidinopropyl)-12-methyl-2,5,8,11-tetraoxo-3-phenyl-1,4,7,10-tetraazacyclohexadecan-12-yl)isobutyramide

## PHYSICAL AND CHEMICAL PROPERTIES

**Molecular Weight** : 586.726  
**Molecular Formula** : C<sub>29</sub>H<sub>46</sub>N<sub>8</sub>O<sub>5</sub>  
**Storage** : Powder -20°C 12 Months  
4°C 6 Months  
In solvent -80°C 6 Months  
-20°C 1 Month

**Chemical Structure** :



## ANALYTICAL DATA

**Appearance** : Solid powder  
**<sup>1</sup>H NMR Spectrum** : Consistent with  
**HPLC** : Consistent with  
**NP** : 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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