

Certificate of Analysis

Mc-Val-Cit-PABC-PNP

Cat. No.: HY-20336 CAS No .: 159857-81-5 Batch No.: 213156

Chemical Name: 4-((S)-2-((S)-2-(6-(2,5-Dioxo-2,5-dihydro-1H-pyrrol-1-yl)hexanamido)-3-methylbutanamido)-5-ur

eidopentanamido)benzyl(4-nitrophenyl)carbonate

PHYSICAL AND CHEMICAL PROPERTIES

Molecular Formula: $C_{35}H_{43}N_7O_{11}$ **Molecular Weight:** 737.76

4°C, protect from light, stored under nitrogen Storage:

* In solvent: -80°C, 6 months; -20°C, 1 month (protect from light, stored under nitrogen)

Chemical Structure:

ANALYTICAL DATA

Off-white to light yellow (Solid) Appearance:

¹H NMR Spectrum: Consistent with structure LCMS: Consistent with structure

Purity (HPLC): 98.89%

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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