

Certificate of Analysis

Mal-VC-PAB-DM1

Cat. No.: HY-126682

CAS No.: 1464051-44-2

Batch No.: 245372

Chemical Name: (14S,16S,32S,33S,2R,4S,10E,12E,14R)-86-Chloro-14-hydroxy-85,14-dimethoxy-33,2,7,10-tetrame

 $thyl-12,6-dioxo-7-aza-1(6,4)-oxazinana-3(2,3)-oxirana-8(1,3)-benzenacyclotetradecaphane-10,1\\ 2-dien-4-yl\ N-(((4-((S)-2-((S)-2-(6-(2,5-dioxo-2,5-dihydro-1H-pyrrol-1-yl)hexanamido)-3-methylb$

utanamido)-5-ureidopentanamido)benzyl)oxy)carbonyl)-N-methyl-L-alaninate

PHYSICAL AND CHEMICAL PROPERTIES

Molecular Formula: $C_{61}H_{82}ClN_9O_{17}$ Molecular Weight: 1248.81

Storage: 4°C, sealed storage, away from moisture and light

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

light)

Chemical Structure:

ANALYTICAL DATA

Appearance: White to off-white (Solid)

¹ H NMR Spectrum: Consistent with structure

LCMS: Consistent with structure

Purity (HPLC): 99.12%

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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