

## **Certificate of Analysis**

## MC-Val-Cit-PAB-rifabutin

Cat. No.: HY-128909
CAS No.: 2055900-34-8
Batch No.: 268059

Chemical Name: L-Ornithinamide, N-[6-(2,5-dihydro-2,5-dioxo-1H-pyrrol-1-yl)-1-oxohexyl]-L-valyl-N-[4-[[(9S,12E,

 $14S,15R,16S,17R,18R,19R,20S,21S,22E,24Z)-16-(acetyloxy)-3,5,9,10-tetrahydro-6,18,20-trihydrox\\y-14-methoxy-7,9,15,17,19,21,25-heptamethyl-1'-(2-methylpropyl)-5,10,26-trioxospiro[9,4-(epox ypentadeca[1,11,13]trienimino)-2H-furo[2',3':7,8]naphth[1,2-d]imidazole-2,4'-piperidinium]-1'-$ 

yl]methyl]phenyl]-N5-(aminocarbonyl)-

## PHYSICAL AND CHEMICAL PROPERTIES

Molecular Formula:  $C_{74}H_{101}CIN_{10}O_{17}$ 

Molecular Weight: 1438.10

**Storage:** 4°C, sealed storage, away from moisture

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

**Chemical Structure:** 

HO HO NH NH NH2

## ANALYTICAL DATA

Appearance: Brown to reddish brown (Solid)

<sup>1</sup>H NMR Spectrum: Consistent with structure

LCMS: Consistent with structure

Purity (HPLC): 95.33%

**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