

Certificate of Analysis

Mal-PEG4-VA-PBD

Cat. No.: HY-126685

CAS No.: 1342820-68-1

Batch No.: 291663

Chemical Name: L-Alaninamide, N-[19-(2,5-dihydro-2,5-dioxo-1H-pyrrol-1-yl)-1,17-dioxo-4,7,10,13-tetraoxa-16-az

an on a dec-1-yl]-L-valyl-N-[4-[(11aS)-8-[3-[[(11aS)-5,11a-dihydro-7-methoxy-2-(4-methoxyphenyl-5-oxo-1H-pyrrolo[2,1-c][1,4]benzodiazepin-8-yl]oxy]propoxy]-5,11a-dihydro-7-methoxy-5-oxo-1h-pyrrolo[2,1-c][1,4]benzodiazepin-8-yl]oxy]propoxy]-5,11a-dihydro-7-methoxy-5-oxo-1h-pyrrolo[2,1-c][1,4]benzodiazepin-8-yl]oxy]propoxy]-5,11a-dihydro-7-methoxy-5-oxo-1h-pyrrolo[2,1-c][1,4]benzodiazepin-8-yl]oxy]propoxy]-5,11a-dihydro-7-methoxy-5-oxo-1h-pyrrolo[2,1-c][1,4]benzodiazepin-8-yl]oxy]propoxy]-5,11a-dihydro-7-methoxy-5-oxo-1h-pyrrolo[2,1-c][1,4]benzodiazepin-8-yl]oxy]propoxy]-5,11a-dihydro-7-methoxy-5-oxo-1h-pyrrolo[2,1-c][1,4]benzodiazepin-8-yl]oxy]propoxy]-5,11a-dihydro-7-methoxy-5-oxo-1h-pyrrolo[2,1-c][1,4]benzodiazepin-8-yl]oxy]propoxy]-5,11a-dihydro-7-methoxy-5-oxo-1h-pyrrolo[2,1-c][1,4]benzodiazepin-8-yl]oxy]propoxy]-5,11a-dihydro-7-methoxy-5-oxo-1h-pyrrolo[2,1-c][1,4]benzodiazepin-8-yl]oxy]propoxy]-5,11a-dihydro-7-methoxy-5-oxo-1h-pyrrolo[2,1-c][1,4]benzodiazepin-8-yl]oxy]propoxy]-5,11a-dihydro-7-methoxy-5-oxo-1h-pyrrolo[2,1-c][1,4]benzodiazepin-8-yl]oxy]propoxy]-5,11a-dihydro-7-methoxy-5-oxo-1h-pyrrolo[2,1-c][1,4]benzodiazepin-8-yl]oxy]propoxy]-5,11a-dihydro-7-methoxy-5-oxo-1h-pyrrolo[2,1-c][1,4]benzodiazepin-8-yl]oxy]-5,11a-dihydro-7-methoxy-5-oxo-1h-pyrrolo[2,1-c][1,4]benzodiazepin-8-yl]oxy-5-oxo-1h-pyrrolo[2,1-c][1,4]benzodiazepin-8-yl]oxy-5-oxo-1h-pyrrolo[2,1-c][1,4]benzodiazepin-8-yl]oxy-5-oxo-1h-pyrrolo[2,1-c][1,4]benzodiazepin-8-yl]oxy-5-oxo-1h-pyrrolo[2,1-c][1,4]benzodiazepin-8-yl]oxy-5-oxo-1h-pyrrolo[2,1-c][1,4]benzodiazepin-8-yl]oxy-5-oxo-1h-pyrrolo[2,1-c][1,4]benzodiazepin-8-yl]oxy-5-oxo-1h-pyrrolo[2,1-c][1,4]benzodiazepin-8-yl]oxy-5-oxo-1h-pyrrolo[2,1-c][1,4]benzodiazepin-8-yl]oxy-5-oxo-1h-pyrrolo[2,1-c][1,4]benzodiazepin-8-yl]oxy-5-oxo-1h-pyrrolo[2,1-c][1,4]benzodiazepin-8-yl]oxy-5-oxo-1h-pyrrolo[2,1-c][1,4]benzodiazepin-8-yl]oxy-5-oxo-1h-pyrrolo[2,1-c][1,4]benzodiazepin-8-yl]oxy-5-oxo-1h-pyrrolo[2,1-c][1,4]benzodiazepin-8-yl]oxy-5-oxo-1h-pyrrolo[2,1-c][1,4]benzodiazepin-8-yl]oxy-5-oxo-1h-pyrrol

 $1 \\H-pyrrolo[2,1-c][1,4] benzo diazepin-2-yl] phenyl]-$

PHYSICAL AND CHEMICAL PROPERTIES

 $\label{eq:control_of_control} \mbox{Molecular Formula:} \qquad \mbox{C_{68}H$_{79}$N$_{9}$O$_{17}$} \\ \mbox{Molecular Weight:} \qquad \mbox{$\textbf{1294.40}$}$

Storage: -80°C, stored under nitrogen

Chemical Structure:

ANALYTICAL DATA

Appearance: Light yellow to yellow (Solid)

¹ H NMR Spectrum: Consistent with structure

MS: Consistent with structure

Purity (HPLC): 86.57%

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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