

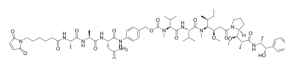
## Mc-Alanyl-Alanyl-Asparagine-PAB-MMAE

Cat. No.: HY-147204  
 CAS No.: 1638970-46-3  
 Batch No.: 240539  
 Chemical Name: L-Valinamide, N-[[[4-[[N-[6-(2,5-dihydro-2,5-dioxo-1H-pyrrol-1-yl)-1-oxohexyl]-L-alanyl-L-alanyl-L-asparaginy]amino]phenyl]methoxy]carbonyl]-N-methyl-L-valyl-N-[(1S,2R)-4-[(2S)-2-[(1R,2R)-3-[(1R,2S)-2-hydroxy-1-methyl-2-phenylethyl]amino]-1-methoxy-2-methyl-3-oxopropyl]-1-pyrrolidiny]-2-methoxy-1-[(1S)-1-methylpropyl]-4-oxobutyl]-N-methyl-

### PHYSICAL AND CHEMICAL PROPERTIES

Molecular Formula:  $C_{67}H_{101}N_{11}O_{16}$   
 Molecular Weight: 1316.58  
 Storage: 4°C, protect from light, stored under nitrogen  
 \* In solvent : -80°C, 6 months; -20°C, 1 month (protect from light, stored under nitrogen)

Chemical Structure:



### ANALYTICAL DATA

Appearance: White to off-white (Solid)  
 $^1H$  NMR Spectrum: Consistent with structure  
 LCMS: Consistent with structure  
 Purity (LCMS): 98.26%  
 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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