

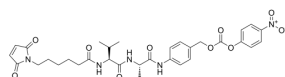
## MC-Val-Ala-PAB-PNP

Cat. No.: HY-135975  
CAS No.: 1639939-40-4  
Batch No.: 154173  
Chemical Name: L-Alaninamide, N-[6-(2,5-dihydro-2,5-dioxo-1H-pyrrol-1-yl)-1-oxohexyl]-L-valyl-N-[4-[[[(4-nitrophenoxy)carbonyl]oxy]methyl]phenyl]-

### PHYSICAL AND CHEMICAL PROPERTIES

Molecular Formula: C<sub>32</sub>H<sub>37</sub>N<sub>5</sub>O<sub>10</sub>  
Molecular Weight: 651.66  
Storage: -20°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)  
<sup>1</sup>H NMR Spectrum: Consistent with structure  
LCMS: Consistent with structure  
Purity (LCMS): 99.51%  
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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