

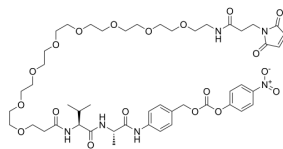
## Mal-amide-PEG8-Val-Ala-PAB-PNP

Cat. No.: HY-148425  
 CAS No.: 2210247-59-7  
 Batch No.: 244080  
 Chemical Name: L-Alaninamide, N-[31-(2,5-dihydro-2,5-dioxo-1H-pyrrol-1-yl)-1,29-dioxo-4,7,10,13,16,19,22,25-octa-28-azahentriacont-1-yl]-L-valyl-N-[4-[[[(4-nitrophenoxy)carbonyl]oxy)methyl]phenyl]-

### PHYSICAL AND CHEMICAL PROPERTIES

Molecular Formula:  $C_{48}H_{68}N_6O_{19}$   
 Molecular Weight: 1033.08  
 Storage: -20°C, sealed storage, away from moisture  
 \* In solvent : -80°C, 6 months; -20°C, 1 month (sealed storage, away from moisture)

#### Chemical Structure:



### ANALYTICAL DATA

Appearance: Colorless to light yellow (Viscous Liquid)  
 $^1H$  NMR Spectrum: Consistent with structure  
 LCMS: Consistent with structure  
 Purity (LCMS): 99.60%  
 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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