

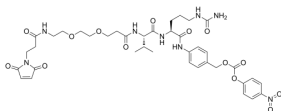
## Mal-amido-PEG2-Val-Cit-PAB-PPN

Cat. No.: HY-140147  
CAS No.: 2112738-13-1  
Batch No.: 275585  
Chemical Name: 4-((2S,5S)-19-(2,5-Dioxo-2,5-dihydro-1H-pyrrol-1-yl)-5-isopropyl-4,7,17-trioxo-2-(3-ureidopropyl)-10,13-dioxo-3,6,16-triazanonadecanamido)benzyl (4-nitrophenyl) carbonate

### PHYSICAL AND CHEMICAL PROPERTIES

Molecular Formula: C<sub>39</sub>H<sub>50</sub>N<sub>8</sub>O<sub>14</sub>  
Molecular Weight: 854.86  
Storage: Powder -20°C 3 years  
In solvent -80°C 6 months  
-20°C 1 month

Chemical Structure:



### ANALYTICAL DATA

Appearance: White to off-white (Solid)  
<sup>1</sup>H NMR Spectrum: Consistent with structure  
MS: Consistent with structure  
Purity (HPLC): 98.40%  
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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