

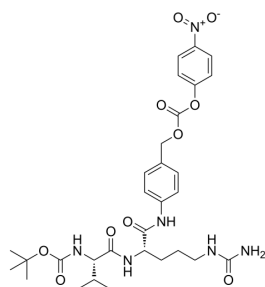
## Boc-Val-Cit-PAB-PNP

Cat. No.: HY-141142  
CAS No.: 870487-10-8  
Batch No.: 217994  
Chemical Name: L-Ornithinamide, N-[(1,1-dimethylethoxy)carbonyl]-L-valyl-N5-(aminocarbonyl)-N-[4-[[[(4-nitro phenoxy)carbonyl]oxy)methyl]phenyl]-

### PHYSICAL AND CHEMICAL PROPERTIES

Molecular Formula:  $C_{30}H_{40}N_6O_{10}$   
Molecular Weight: 644.67  
Storage: -20°C, stored under nitrogen, away from moisture  
\* In solvent : -80°C, 6 months; -20°C, 1 month (stored under nitrogen, away from moisture)

### 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): 98.96%  
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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