

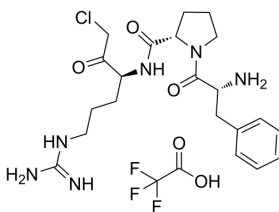
## PPACK (TFA)

Cat. No.: HY-122542B  
 CAS No.: 157379-44-7  
 Batch No.: 366452  
 Chemical Name: L-Prolinamide, D-phenylalanyl-N-[(1S)-4-[(aminoiminomethyl)amino]-1-(chloroacetyl)butyl]-, mono(trifluoroacetate)

### PHYSICAL AND CHEMICAL PROPERTIES

Molecular Formula:  $C_{23}H_{32}ClF_3N_6O_5$   
 Molecular Weight: 564.99  
 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: White to off-white (Solid)  
 $^1H$  NMR Spectrum: Consistent with structure  
 MS: Consistent with structure  
 Purity (HPLC): 99.28%  
 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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