

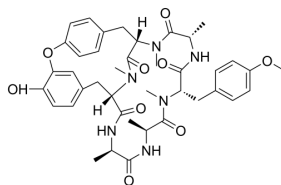
## RA-V

Cat. No.: HY-N10790  
 CAS No.: 64725-24-2  
 Batch No.: 277402  
 Chemical Name: Cyclo(D-alanyl-L-alanyl-N,O-dimethyl-L-tyrosyl-L-alanyl-N-methyl-L-tyrosyl-3-hydroxy-N-methyl-L-tyrosyl), cyclic (5→63)-ether

## PHYSICAL AND CHEMICAL PROPERTIES

Molecular Formula:  $C_{40}H_{48}N_6O_9$   
 Molecular Weight: 756.84  
 Storage: -20°C, protect from light  
 \* In solvent : -80°C, 6 months; -20°C, 1 month (protect from light)

Chemical Structure:



## ANALYTICAL DATA

Appearance: White to off-white (Solid)  
 $^1H$  NMR Spectrum: Consistent with structure  
 LCMS: Consistent with structure  
 Purity (HPLC): 99.58%  
 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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