

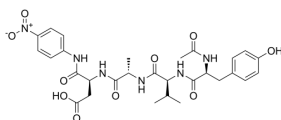
## Ac-YVAD-pNA

Cat. No.: HY-P2091  
CAS No.: 149231-66-3  
Batch No.: 280044  
Chemical Name: L- $\alpha$ -Asparagine, N-acetyl-L-tyrosyl-L-valyl-L-alanyl-N-(4-nitrophenyl)-

### PHYSICAL AND CHEMICAL PROPERTIES

Molecular Formula: C<sub>29</sub>H<sub>36</sub>N<sub>6</sub>O<sub>10</sub>  
Molecular Weight: 628.63  
Storage: Sealed storage, away from moisture and light  
Powder -80°C 2 years  
-20°C 1 year  
\* In solvent : -80°C, 6 months; -20°C, 1 month (sealed storage, away from moisture and light)

### 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): 99.96%  
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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