

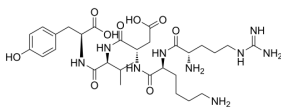
## Thymopentin

Cat. No.: HY-N7122  
CAS No.: 69558-55-0  
Batch No.: 147902  
Chemical Name: L-Tyrosine, L-arginyl-L-lysyl-L- $\alpha$ -aspartyl-L-valyl-

### PHYSICAL AND CHEMICAL PROPERTIES

Molecular Formula: C<sub>30</sub>H<sub>49</sub>N<sub>9</sub>O<sub>9</sub>  
Molecular Weight: 679.77  
Storage: Sealed storage, away from moisture  
Powder -80°C 2 years  
-20°C 1 years  
\* 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)  
<sup>1</sup>H NMR Spectrum: Consistent with structure  
MS: Consistent with structure  
Purity (HPLC): 99.60%  
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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