**H-Val-Pro-Pro-OH**

Cat. No.: HY-114161  
CAS No.: 58872-39-2  
Molecular Formula: C₁₅H₂₅N₃O₄  
Molecular Weight: 311.38  
Target: Angiotensin Receptor  
Pathway: GPCR/G Protein  
Storage: Please store the product under the recommended conditions in the COA.

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**BIOLOGICAL ACTIVITY**

<table>
<thead>
<tr>
<th>Description</th>
<th>H-Val-Pro-Pro-OH, a milk-derived proline peptides derivative, is an inhibitor of Angiotensin I converting enzyme (ACE), with an IC₅₀ of 9 μM.</th>
</tr>
</thead>
<tbody>
<tr>
<td>IC₅₀ &amp; Target</td>
<td>IC₅₀: 9 μM (ACE)[¹].</td>
</tr>
</tbody>
</table>

**In Vitro**  
H-Val-Pro-Pro-OH, a proline peptides derivative, could inhibit Angiotensin I converting enzyme (ACE), with an IC₅₀ of 9 μM[¹]. H-Val-Pro-Pro-OH could enhance insulin sensitivity and prevent insulin resistance in 3T3-F442A pre-adipocytes. H-Val-Pro-Pro-OH also has anti-hypertensive and anti-inflammatory functions. H-Val-Pro-Pro-OH further enhances the expression of glucose transporter 4 (GLUT4) in adipocytes and restores glucose uptake in TNF-treated adipocytes[²].

**REFERENCES**


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Caution: Product has not been fully validated for medical applications. For research use only.