**Feretoside**

Cat. No.: HY-N6249  
CAS No.: 27530-67-2  
Molecular Formula: C₁₇H₂₄O₁₁  
Molecular Weight: 404.37  
Target: HSP  
Pathway: Cell Cycle/DNA Damage; Metabolic Enzyme/Protease  
Storage: Please store the product under the recommended conditions in the COA.

**BIOLOGICAL ACTIVITY**

<table>
<thead>
<tr>
<th>Description</th>
<th>Feretoside, a phenolic compound extracted from the barks of E. ulmoides, is a <strong>HSP inducer</strong> which act as cytoprotective agent.</th>
</tr>
</thead>
<tbody>
<tr>
<td>IC₅₀ &amp; Target</td>
<td><strong>HSP</strong>[^1]</td>
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<tr>
<td>In Vitro</td>
<td>The barks of Eucommia ulmoides (Eucommiae Cortex, Eucommiaceae) have been used as a traditional medicine in Korea, Japan, and China to treat hypertension, reinforce the muscles and bones, and recover the damaged liver and kidney functions. Feretoside increases expression of HSF1 by a factor of 1.214, 1.144, 1.153, 1.114, 1.159, 1.041, and 1.167 at 3 mm, respectively[^1].</td>
</tr>
</tbody>
</table>

**REFERENCES**


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