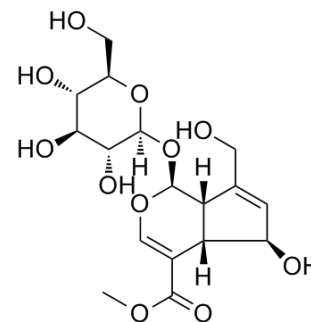


Feretoside

Cat. No.:	HY-N6249
CAS No.:	27530-67-2
Molecular Formula:	C ₁₇ H ₂₄ O ₁₁
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

Description	Feretoside, a phenolic compound extracted from the barks of <i>E. ulmoides</i> , is a HSP inducer which act as cytoprotective agent.
IC ₅₀ & Target	HSP ^[1]
In Vitro	The barks of <i>Eucommia ulmoides</i> (<i>Eucommiae Cortex</i> , <i>Eucommiaceae</i>) 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] .

REFERENCES

[1]. Nam JW, et al. Heat shock factor 1 inducers from the bark of *Eucommia ulmoides* as cytoprotective agents. *Chem Biodivers*. 2013 Jul;10(7):1322-7.

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

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