

---

## Product Data Sheet

---

Product Name: Feretoside

Cat. No.: GC32008

**Chemical Properties**

Cas. No. 27530-67-2

SMILES OC[C@H]([C@@H](O)[C@H](O)[C@H]1O)[C@@]1([H])O[C@H]2[C@@]3([H])[C@@]([C@H](O)C=C3CO)([H])C(C(OC)=O)=CO2

Formula C<sub>17</sub>H<sub>24</sub>O<sub>11</sub> M.Wt 404.37

Solubility Soluble in DMSO Storage Store at -20°C

General tips For obtaining a higher solubility , please warm the tube at 37 °C and shake it in the ultrasonic bath for a while. Stock solution can be stored below -20°C for several months.

Shipping Condition Evaluation sample solution : ship with blue ice All other available size: ship with RT , or blue ice upon request.

Structure **Background**

Feretoside, a phenolic compound extracted from the barks of *E. ulmoides*, is a HSP inducer which act as cytoprotective agent.

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].

[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.**

Tel: (909) 407-4943 Fax: (626) 353-8530 E-mail: tech@glpbio.com

Address: 10292 Central Ave. #205, Montclair, CA, USA

---