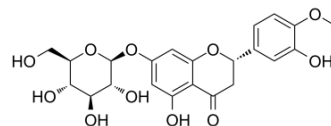


## Hesperetin 7-O-glucoside

Cat. No.:	HY-125130
CAS No.:	31712-49-9
Molecular Formula:	C <sub>22</sub> H <sub>24</sub> O <sub>11</sub>
Molecular Weight:	464.42
Target:	HMG-CoA Reductase (HMGCR); Bacterial
Pathway:	Metabolic Enzyme/Protease; Anti-infection
Storage:	Please store the product under the recommended conditions in the COA.



### BIOLOGICAL ACTIVITY

#### Description

Hesperetin 7-O-glucoside is produced by the enzymatic conversion of Hesperidin. Hesperetin 7-O-glucoside is a potent **human HMG-CoA reductase** inhibitor and also effectively inhibits the growth of **Helicobacter pylori**. Antihypertensive effect<sup>[1][2]</sup>.

### REFERENCES

[1]. Young-Su Lee, et al. Enzymatic Bioconversion of Citrus Hesperidin by *Aspergillus Sojae* Naringinase: Enhanced Solubility of hesperetin-7-O-glucoside With in Vitro Inhibition of Human Intestinal Maltase, HMG-CoA Reductase, and Growth of *Helicobacter Pylori*. *Food Chem.* 2012 Dec 15;135(4):2253-9.

[2]. Lucas Actis-Goretta, et al. Gastrointestinal Absorption and Metabolism of hesperetin-7-O-rutinoside and hesperetin-7-O-glucoside in Healthy Humans. *Mol Nutr Food Res.* 2015 Sep;59(9):1651-62.

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

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