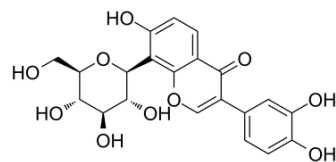


## 3'-Hydroxypuerarin

Cat. No.:	HY-N1980
CAS No.:	117060-54-5
Molecular Formula:	C <sub>21</sub> H <sub>20</sub> O <sub>10</sub>
Molecular Weight:	432.38
Target:	Others
Pathway:	Others
Storage:	Please store the product under the recommended conditions in the COA.



### BIOLOGICAL ACTIVITY

#### Description

3'-Hydroxypuerarin is an isoflavone isolated from the roots of *Pueraria lobata* (Willd.) Ohwi. 3'-Hydroxypuerarin is an antioxidant, which shows marked ONOO(-), NO•, total ROS scavenging activities<sup>[1][2][3]</sup>.

### REFERENCES

- [1]. Sun Y, et al. New hepatoprotective isoflavone glucosides from *Pueraria lobata* (Willd.) Ohwi. *Nat Prod Res.* 2018 Jul 3:1-8.
- [2]. Zhang CL, et al. Comparative study of *Puerariae lobatae* and *Puerariae thomsonii* by HPLC-diode array detection-flow injection-chemiluminescence coupled with HPLC-electrospray ionization-MS. *Chem Pharm Bull (Tokyo).* 2011;59(5):541-5.
- [3]. Jin SE, et al. Anti-inflammatory and antioxidant activities of constituents isolated from *Pueraria lobata* roots. *Arch Pharm Res.* 2012 May;35(5):823-37.

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

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