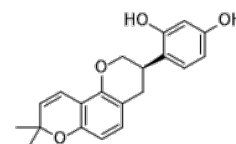


**Product Name** : Glabridin  
**Cat. No.** : PC-24240  
**CAS No.** : 59870-68-7  
**Molecular Formula** : C<sub>20</sub>H<sub>20</sub>O<sub>4</sub>  
**Molecular Weight** : 324.38  
**Target** : PPAR  
**Solubility** : 10 mM in DMSO



## Biological Activity

Glabridin is a natural isoflavan from *Glycyrrhiza glabra* L., binds to and activates PPAR $\gamma$  with EC<sub>50</sub> of 6.1  $\mu$ M, inhibits NADPH oxidase-induced cell-mediated oxidation, exhibits antioxidant, anti-bacterial, antitumor and anti-inflammatory activities.

## References

- Rebhun JF, et al. *Fitoterapia*. 2015 Oct;106:55-61.  
Tamir S, et al. *Cancer Res*. 2000 Oct 15;60(20):5704-9.  
Rosenblat M, et al. *J Biol Chem*. 1999 May 14;274(20):13790-9.

**Caution: Product has not been fully validated for medical applications. Lab Use Only!**

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