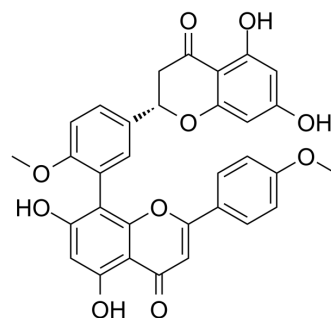


## 2,3-Dihydroisoginkgetin

Cat. No.:	HY-N1658
CAS No.:	828923-27-9
Molecular Formula:	C <sub>32</sub> H <sub>24</sub> O <sub>10</sub>
Molecular Weight:	568.53
Target:	Tyrosinase
Pathway:	Metabolic Enzyme/Protease
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



### BIOLOGICAL ACTIVITY

#### Description

2,3-Dihydroisoginkgetin, a biflavonoid, is an inhibitor of Tyrosinase, with 36.84% inhibition at 0.1 mM. 2,3-Dihydroisoginkgetin shows less toxicity in HEMn (human epidermal melanocytes) cells, with an IC<sub>50</sub> of 86.16 μM<sup>[1]</sup>.

### REFERENCES

[1]. Cheng KT, et al. New constituent from *Podocarpus macrophyllus* var. *macrophyllus* shows anti-tyrosinase effect and regulates tyrosinase-related proteins and mRNA in human epidermal melanocytes. *Chem Pharm Bull (Tokyo)*. 2007 May;55(5):757-61.

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

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