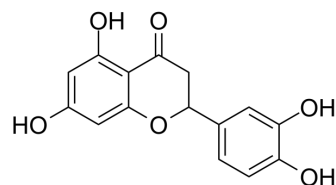


## (±)-Eriodictyol

Cat. No.:	HY-N0637A
CAS No.:	4049-38-1
Molecular Formula:	C <sub>15</sub> H <sub>12</sub> O <sub>6</sub>
Molecular Weight:	288.25
Target:	Melanocortin Receptor
Pathway:	GPCR/G Protein; Neuronal Signaling
Storage:	4°C, sealed storage, away from moisture and light * In solvent : -80°C, 6 months; -20°C, 1 month (sealed storage, away from moisture and light)



### BIOLOGICAL ACTIVITY

#### Description

(±)-Eriodictyol ((±)-Huazhongilexone), a flavonoid, is a potent melanogenesis inhibitor with an IC<sub>50</sub> of 48 μM. (±)-Eriodictyol suppresses tyrosinase, TRP-1, and TRP-2 mRNA expression. (±)-Eriodictyol has strong anti-plasmin activities<sup>[1]</sup>.

### REFERENCES

[1]. Souichi Nakashima, et al. Inhibitors of melanogenesis in B16 melanoma 4A5 cells from flower buds of Lawsonia inermis (Henna). Bioorg Med Chem Lett. 2015 Jul 1;25(13):2702-6.

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

Tel: 609-228-6898

Fax: 609-228-5909

E-mail: tech@MedChemExpress.com

Address: 1 Deer Park Dr, Suite Q, Monmouth Junction, NJ 08852, USA