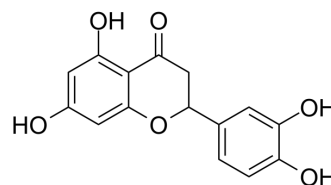


(±)-Eriodictyol

Cat. No.:	HY-N0637A
CAS No.:	4049-38-1
Molecular Formula:	C ₁₅ H ₁₂ O ₆
Molecular Weight:	288.25
Target:	Melanocortin Receptor
Pathway:	GPCR/G Protein; Neuronal Signaling
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



BIOLOGICAL ACTIVITY

Description

(±)-Eriodictyol ((±)-Huazhongilexone), a flavonoid, is a potent melanogenesis inhibitor with an IC₅₀ of 48 μM. (±)-Eriodictyol suppresses tyrosinase, TRP-1, and TRP-2 mRNA expression. (±)-Eriodictyol has strong anti-plasmin activities^[1].

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.

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