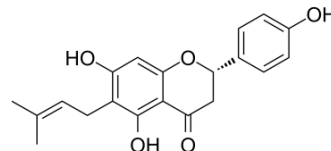


(2S)-6-Prenylnaringenin

Cat. No.:	HY-107198
CAS No.:	68236-13-5
Molecular Formula:	C ₂₀ H ₂₀ O ₅
Molecular Weight:	340.37
Target:	GABA Receptor
Pathway:	Membrane Transporter/Ion Channel; Neuronal Signaling
Storage:	Please store the product under the recommended conditions in the COA.



BIOLOGICAL ACTIVITY

Description

(2S)-6-Prenylnaringenin is the most efficient compound in forebrain. (2S)-6-Prenylnaringenin acts as a **GABA_A** positive allosteric modulator at $\alpha+\beta$ - binding interface^[1].

In Vitro

(2S)-6-Prenylnaringenin (6-Prenylnaringenin) displays a modulatory activity at low micromolar concentrations. (2S)-6-Prenylnaringenin potentiates GABA-induced displacement of [³H]EBOB binding in a concentration-dependent manner where the IC₅₀ value for this potentiation in native GABAA receptors is 3.7 μ M, respectively^[1].

REFERENCES

[1]. Ali Y Benkherouf, et al. Hops Compounds Modulatory Effects and 6-prenylnaringenin Dual Mode of Action on GABA AReceptors. Eur J Pharmacol. 2020 Apr 15;873:172962.

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

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