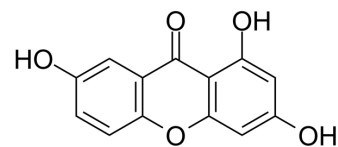


Gentisein

Cat. No.:	HY-118166
CAS No.:	529-49-7
Molecular Formula:	C ₁₃ H ₈ O ₅
Molecular Weight:	244.2
Target:	5-HT Receptor
Pathway:	GPCR/G Protein; Neuronal Signaling
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



BIOLOGICAL ACTIVITY

Description

Gentisein (NSC 329491), the major metabolite of Mangiferin, shows the most potent serotonin uptake inhibition with an IC₅₀ value of 4.7 μM^{[1][2]}.

REFERENCES

- [1]. Wang H, et al. Identification and determination of four metabolites of mangiferin in rat urine. *J Pharm Biomed Anal.* 2007;45(5):793-798.
- [2]. Tzankova, Virginia et al. (2010). Inhibition of 5-HT uptake by some constituents of *Hypericum annulatum* in rat brain in vitro. *Pharmacologyonline.* 2.

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

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