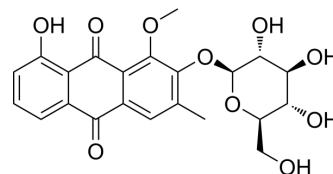


Obtusifolin-2-O-glucoside

Cat. No.:	HY-N11063
CAS No.:	120163-18-0
Molecular Formula:	C ₂₂ H ₂₂ O ₁₀
Molecular Weight:	446.4
Target:	Tyrosinase
Pathway:	Metabolic Enzyme/Protease
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



BIOLOGICAL ACTIVITY

Description	Obtusifolin-2-O-glucoside (compound 7) is a Tyrosinase inhibitor (IC ₅₀ =9.2 μM). Obtusifolin-2-O-glucoside can be isolated from cassia seed ^[1] .
IC₅₀ & Target	IC ₅₀ : 9.2 μM (Tyrosinase) ^[1]
In Vitro	Obtusifolin-2-O-glucoside (compound 7) (10 μM; 48 h) inhibits melanin production in α-MSH-treated B16F10 melanoma cells ^[1] . MCE has not independently confirmed the accuracy of these methods. They are for reference only.

REFERENCES

[1]. Lee GY, et al. Tyrosinase inhibitory components from the seeds of Cassia tora. Arch Pharm Res. 2018 May;41(5):490-496.

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