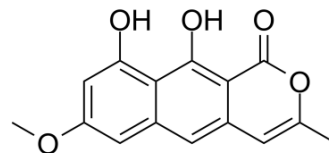


Toralactone

Cat. No.:	HY-N7617
CAS No.:	41743-74-2
Molecular Formula:	C ₁₅ H ₁₂ O ₅
Molecular Weight:	272.25
Target:	Keap1-Nrf2
Pathway:	NF-κB
Storage:	Please store the product under the recommended conditions in the COA.



BIOLOGICAL ACTIVITY

Description

Toralactone, isolated from *Cassia obtusifolia*, mediates hepatoprotection via an Nrf2-dependent anti-oxidative mechanism^[1].

In Vitro

Toralactone sensitizes resistant MCF-7^{adr} cell line to paclitaxel via inhibiting P-glycoprotein efflux activity^[2].

REFERENCES

[1]. Yongtaek Seo, et al. Toralactone glycoside in *Cassia obtusifolia* mediates hepatoprotection via an Nrf2-dependent anti-oxidative mechanism. *Food Research International*. Volume 97, July 2017, Pages 340-346.

[2]. Salwa D. Alqahtani, et al. Abstract 1205: Rubrofusarin and toralactone sensitize resistant MCF-7^{adr} cell line to paclitaxel via inhibiting P-glycoprotein efflux activity. *AACR Annual Meeting 2017*; April 1-5, 2017; Washington, DC.

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

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