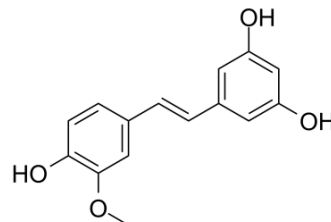


Isorhapontigenin

Cat. No.:	HY-N2593
CAS No.:	32507-66-7
Molecular Formula:	C ₁₅ H ₁₄ O ₄
Molecular Weight:	258.27
Target:	Autophagy
Pathway:	Autophagy
Storage:	Please store the product under the recommended conditions in the COA.



BIOLOGICAL ACTIVITY

Description

Isorhapontigenin, an orally bioavailable dietary polyphenol isolated from the Chinese herb *Gnetum cleistostachyum*, displays anti-inflammatory effects. Isorhapontigenin induces **autophagy** and inhibits invasive bladder cancer formation^{[1][2]}.

REFERENCES

- [1]. Yeo SCM, et al. Isorhapontigenin, a bioavailable dietary polyphenol, suppresses airway epithelial cell inflammation through a corticosteroid-independent mechanism. *Br J Pharmacol*. 2017 Jul;174(13):2043-2059.
- [2]. Liang Y, et al. SESN2/sestrin 2 induction-mediated autophagy and inhibitory effect of isorhapontigenin (ISO) on human bladder cancers. *Autophagy*. 2016 Aug 2;12(8):1229-39.
- [3]. Jiang G, et al. Isorhapontigenin (ISO) Inhibits Invasive Bladder Cancer Formation In Vivo and Human Bladder Cancer Invasion In Vitro by Targeting STAT1/FOXO1 Axis. *Cancer Prev Res (Phila)*. 2016 Jul;9(7):567-80.

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

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