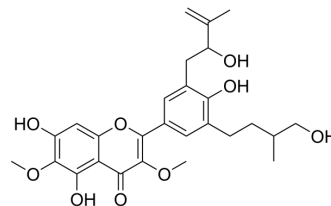


Dodoviscin A

Cat. No.:	HY-N3773
CAS No.:	1372527-25-7
Molecular Formula:	C ₂₇ H ₃₂ O ₉
Molecular Weight:	500.54
Target:	Tyrosinase
Pathway:	Metabolic Enzyme/Protease
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



BIOLOGICAL ACTIVITY

Description	Dodoviscin A is a pigmentation-altering agent, which can be isolated from the aerial parts of <i>Dodonaea viscosa</i> . Dodoviscin A inhibits melanin production in B16-F10 melanoma cells. Dodoviscin A suppresses mushroom tyrosinase activity, and tyrosinase activity induced by 3-isobutyl-1-methylxanthine. Dodoviscin A also inhibits the phosphorylation of cAMP response element binding protein, induced by 3-isobutyl-1-methylxanthine and forskolin ^[1] .
IC ₅₀ & Target	Mushroom tyrosinase, cAMP response element binding protein ^[1]

REFERENCES

[1]. Yan G, et al. Dodoviscin a inhibits melanogenesis in mouse b16-f10 melanoma cells. *Planta Med.* 2013 Jul;79(11):933-8.

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

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