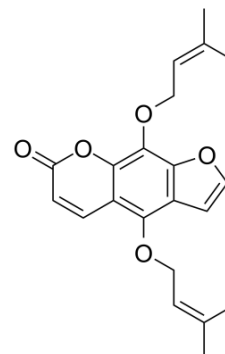


Cnidicin

Cat. No.:	HY-N4207
CAS No.:	14348-21-1
Molecular Formula:	C ₂₁ H ₂₂ O ₅
Molecular Weight:	354.4
Target:	Others
Pathway:	Others
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



BIOLOGICAL ACTIVITY

Description	Cnidicin, a coumarin, inhibits the degranulation of mast cell and the nitric oxide (NO) generation in RAW 264.7 cells ^[1] .
In Vitro	Cnidicin shows a significant inhibition upon the release of beta-hexosaminidase from the cultured RBL-2H3 cells in a dose dependent manner (IC ₅₀ = 25 μM) and upon the nitric oxide production from the activated RAW264.7 cells (IC ₅₀ =7.5 μM) ^[1] . MCE has not independently confirmed the accuracy of these methods. They are for reference only.

REFERENCES

[1]. Ryu SY, et al. Cnidicin, a coumarin, from the root of *Angelica koreana*, inhibits the degranulation of mast cell and the NO generation in RAW 264.7 cells. *Planta Med.* 2001 Mar;67(2):172-4.

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

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