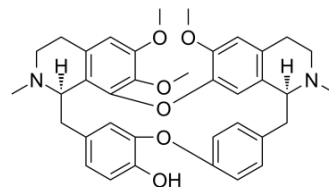


Berbamine

Cat. No.:	HY-N0714
CAS No.:	478-61-5
Molecular Formula:	C ₃₇ H ₄₀ N ₂ O ₆
Molecular Weight:	608.72
Target:	NF-κB; Autophagy
Pathway:	NF-κB; Autophagy
Storage:	Please store the product under the recommended conditions in the COA.



BIOLOGICAL ACTIVITY

Description

Berbamine is a natural compound extracted from traditional Chinese medicine Barberry with anti-tumor, immunomodulatory and cardiovascular effects. Berbamine is a **calcium channel** blocker.

IC₅₀ & Target

NF-κB

REFERENCES

- [1]. Liang Y, et al. Berbamine, a novel nuclear factor kappaB inhibitor, inhibits growth and induces apoptosis in human myeloma cells. *Acta Pharmacol Sin.* 2009 Dec;30(12):1659-65.
- [2]. Meng Z, et al. Berbamine inhibits the growth of liver cancer cells and cancer-initiating cells by targeting Ca²⁺/calmodulin-dependent protein kinase II. *Mol Cancer Ther.* 2013 Oct;12(10):2067-77.

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

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