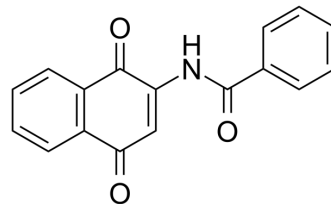


PPM-18

Cat. No.:	HY-118160
CAS No.:	65240-86-0
Molecular Formula:	C ₁₇ H ₁₁ NO ₃
Molecular Weight:	277.27
Target:	NO Synthase
Pathway:	Immunology/Inflammation
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



BIOLOGICAL ACTIVITY

Description

PPM-18 (NSC 73233), a potent anti-inflammatory agent, inhibits nitric oxide synthase expression. PPM-18 is a potent inhibitor of iNOS expression by blocking the binding of NF- κ B to promoter^[1]. PPM-18, an analog of Vitamin K, induces autophagy and apoptosis in bladder cancer cells through ROS and AMPK signaling pathways^[2].

REFERENCES

- [1]. S M Yu, et al. Inhibition of nitric oxide synthase expression by PPM-18, a novel anti-inflammatory agent, in vitro and in vivo. *Biochem J.* 1997 Dec 1;328 (Pt 2)(Pt 2):363-9.
- [2]. Huiai Lu, et al. PPM-18, an Analog of Vitamin K, Induces Autophagy and Apoptosis in Bladder Cancer Cells Through ROS and AMPK Signaling Pathways. *Front Pharmacol.* 2021 Jul 9;12:684915.

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

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