

Peiminine

产品货号: P6182

储存条件: 粉末 Sealed in dry, 2-8°C。液体 -20°C, 3-6 月; -80°C, 12 月

储存液配制

储存液制备		1 mg	5 mg	10 mg
	1 mM	2.3276 mL	11.6378 mL	23.2756 mL
	5 mM	0.4655 mL	2.3276 mL	4.6551 mL
	10 mM	0.2328 mL	1.1638 mL	2.3276 mL

产品描述

Peiminine is an alkaloid extracted from the bulb of *Fritillaria thunbergii* Miq that reportedly has anticancer and anti-inflammatory effects. Peiminine downregulated the levels of specific genes and proteins in vitro and consequently suppressed OC (Osteoclasts) differentiation and function. Peiminine inhibits lung inflammation and pulmonary fibrosis in a rat model of bleomycin-induced lung injury, by reducing circulating IFN- γ levels and inhibiting signal transduction pathways involving TGF- β , CTGF, ERK1/2, NF- κ B and FasL. Peiminine induced G0/G1-phase arrest, apoptosis, and autophagy in human osteosarcoma cells via the ROS/JNK signaling pathway both in vitro and in vivo. Peiminine (1, 3, or 5 mg/kg) could reduce the W/D ratio and the MPO activity significantly. Furthermore, the histopathological changes and the expression of TNF- α , IL-1 β , and IL-6 were inhibited after the peiminine treatment. In vitro, peiminine significantly inhibited LPS-induced IL-8 production in A549 lung epithelial cells. Peiminine suppressed the development of CRC through inhibiting the viability, colony formation and metastasis of CRC (Colorectal cancer) cells via LINC00659/miR-760 axis.

Synonyms: Verticinone;Raddeanine;Imperialine





产品性质

英文别名 (English synonym)	Verticinone;Raddeanine;Imperialine;Fritillarine; Sipeimine;Zhebeinone;贝母乙素
CAS 号 (CAS NO)	18059-10-4
分子式 (Formula)	C ₂₇ H ₄₃ NO ₃
分子量 (Molecular weight)	429.64

注意事项

为了您的安全和健康，请穿实验服并戴一次性手套操作。

本品仅用于实验研究。

