



Catalog Number: CM06754

产品信息	Catalog Number: CM06754	分子量: 784.97 ※紹晤:	H ₃ C, CH ₃ CH CH ₃
	84687-43-4 分子式:	伯斯反· DMSO:50 mg/mL (63.7 mM)	
	C ₄₁ H ₆₈ O ₁₄ 主		
	Estrogen/progestogen Receptor JNK MMP ERK		но он
	主要通路: MAPK 信号通路 蛋白酶体 MAPK 信 号通路 内分泌与激素		
体外活性	Astragaloside IV对MDA-MB-231乳腺癌细胞的 ERK1/2和JNK的激活,并下调金属蛋白酶(M ng/mL)显示出明显的作用,而低浓度Astrag IV与化疗化合物顺铂联合治疗显著提高了NSC 显著抑制了B7-H3的mRNA和蛋白水平的表达。	的活性和侵袭性产生抑制作用,能够压抑丝 MP)-2和-9的表达。在NSCLC细胞生长抑 aloside IV(1、2.5、5 ng/mL)对细胞活 iLC细胞对化疗化合物的敏感性。在分子水	2裂原活化蛋白激酶(MAPK)家族成员 制方面,Astragaloside IV(10、20、40 性无明显细胞毒性。此外,Astragaloside 平上,Astragaloside IV与顺铂联合使用
体内活性	在小鼠模型中,高剂量的Astragaloside IV组行和AST水平显著降低(P<0.01), 肝脏组织病理: (P<0.01), SOD活性显著增加。Astragaloside 模型组相比,Astragaloside IV(10 mg/kg) IV明显抑制了TLR4及其下游蛋白的水平,表明 此外,Astragaloside IV减少了NLRP3和活化的	在48小时存活率上显示出显著增加[60%(9, 学指数及肝细胞周亡程度显著降低(P<0.01) 计V(10,20 mg/kg, p.o.)显著地预防了短 和Astragaloside IV(20 mg/kg)能显著陷 到MyD88依赖性和非依赖性途径在Astragal focaspase-1的表达,同时也降低了Iba1蛋的	/15)对比13.3%(2/15), P<0.05], 血清ALT), 以及肝匀浆中MDA含量显著减少 暂脑缺血及再灌注所诱导的认知缺陷。与 择低这些细胞因子的水平。Astragaloside oside IV的抗炎作用中发挥了重要作用。 白的表达。
动物实验	Transient cerebral ischemia and repert Model, Astragaloside IV (10 mg/kg) and treatment groups are intragastrically a sacrifice. On the day of the surgery, Ast operated and Model groups are treate intraperitoneal injection of chloral hyc and carefully separated with a small ve surgical silk as described previously w the two occlusion periods (ischemia 2 subjected to the same surgical operati maintained at 37±0.5°C during the surg	fusion is prepared by BCCAO. Mice ar l Astragaloside IV (20 mg/kg) treatm idministered 7 days before the surg tragaloside IV is administrated 2 h p d with distilled water. After the mice drate (350 mg/kg), the bilateral com intral neck incision and occluded tw ith minor modifications. There is a 1 0 min ? reperfusion 10 min ? ischem ion without the surgical silk ligation gery with heating equipment until r	re randomly divided into the Sham, ent groups. The Astragaloside IV ery and terminated on the day of rior to ischemia. The Sham- e are anesthetized with an mon carotid arteries are exposed ice (20 min each) with ligated .0 min reperfusion period between hia 20 min). Sham-operated mice are . Mouse body temperature is ecovery from the anesthesia.
细胞实验	CCK-8 assay is adopted to determine c density of 4×104 (cells/well). Then 10 another 2 h. The absorbance is determ	ell viability. cultured NSCLC cells are μ L?well CCK8 solution is added and ined with the wavelength of 490 nm	e seeded into 96-well plates at the l incubated in dark at 37°C for 1.
储存	Powder: -20°C for 3 years In solvent: -	80°C for 1 year Shipping with blue	ice.