For Research Use Only Astragaloside



Catalog Number: CM12393

产品信息	Catalog Number: CM12393	分子量: 640.54	10
	CAS号: 17429-69-5	溶解度: DMS0:50 mg/mL (78.06 mM)	
	分子式: C ₂₈ H ₃₂ O ₁₇		
	主要靶点: MMP[ERK[]NK		HO
	主要通路: MAPK 信号通路 MAPK 信号通路 蛋 白酶体		4c~ ²
体外活性	ng/mL)对细胞活性无明显的细胞毒性。此 水平上,Astragaloside IV联合顺铂治疗显著	制非小细胞肺癌(NSCLC)细胞增殖,而低浓度的A: 外,Astragaloside IV的联合治疗显著提高了NSCLC约 抑制了B7-H3的mRNA和蛋白质水平。Astragalosid 白激酶(MAPK)家族成员ERK1/2和JNK的激活,并	细胞对顺铂的化疗敏感性。在分子 e IV抑制MDA-MB-231乳腺癌细胞
体内活性	IV (10mg/kg)和Astragaloside IV (20mg 及其下游蛋白的水平,表明MyD88依赖和独 与裂解的caspase-1表达,并降低Iba1蛋白表	示出强大的能力,预防由短暂脑缺血及再灌注引起f /kg)能显著降低相较于模型组这些细胞因子的水平 立途径在Astragaloside IV的抗炎效应中扮演重要角 达[1]。在小鼠模型中,高剂量的Astragaloside IV组 清ALT和AST水平显著下降(P<0.01),肝脏组织病 著减少(P<0.01)和SOD活性显著增加。	。Astragaloside IV显著抑制TLR4 色。Astragaloside IV减轻NLRP3 且在48小时存活率上显著提高
动物实验	study transient cerebral ischemia and randomLy divided into the Sham, Mod treatment groups. The Astragaloside surgery and terminated on the day of h prior to ischemia. The Sham-operate anesthetized with an intraperitoneal arteries are exposed and carefully se each) with ligated surgical silk as des reperfusion period between the two min). Sham-operated mice are subjec	rfusion is prepared by BCCAO, as BCCAO is co I reperfusion injury-mediated inflammatory el, Astragaloside IV (10 mg/kg) and Astragalo IV treatment groups are intragastrically adm sacrifice. On the day of the surgery, Astraga ed and Model groups are treated with distille injection of chloral hydrate (350 mg/kg), the parated with a small ventral neck incision an cribed previously with minor modifications. occlusion periods (ischemia 20 min ? reperf ted to the same surgical operation without t ed at 37±0.5°C during the surgery with heati	v response. Mice are sside IV (20 mg/kg) inistered 7 days before the loside IV is administrated 2 ed water. After the mice are bilateral common carotid d occluded twice (20 min There is a 10 min 'usion 10 min ? ischemia 20 the surgical silk ligation.
细胞实验	the density of 4×104 (cells/well). The	assay. To be brief, cultured NSCLC cells are se n 10 µ L?well CCK8 solution is added and inc nined with the wavelength of 490 nm.	
储存	keep away from direct sunlight Powe ice.	der: -20°C for 3 years In solvent: -80°C for 1	year Shipping with blue