

Catalog Number: CM00430

产品信息	Catalog Number: CM00430 CAS号: 26305-03-3 分子式: C ₃₄ H ₆₃ N ₅ O ₉	分子量: 685.89 溶解度: DMSO:25 mg/mL,H2O:Insoluble,Ethanol:1 mg/mL (1.46 mM)	
	主要靶点: Amino Acids and Derivatives Autophagy Proteasor Protease 主要通路: 蛋白酶体 微生物学 代谢 自噬 泛素 化	ne HIV	
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靶点活性	hemoglobin-proctase:6.2 nM hemoglobin- protease:520 nM casein-proctase:290 nM	pepsin:4.5 nM Hemoglobin-acid protease:2	260 nM casein-pepsin:150 nM casein-acid
体外活性	Pepstatin is a specific acid protease inhibi pepsin, hemoglobin-proctase, casein-peps respectively [1]. Pepstatin inhibits the reco synthesis and probably does not exert seve	in, casein-proctase, casein-acid protease, a ombinant HIV protease (IC50: 250 µ M). Pe	nd hemoglobin-acid protease,
体内活性	Pepstatin has very low toxicity, with LD50 dogs by i.p. route, and > 2000 mg/kg for all ulceration of the pylorus in ligated Shay ra the pH values of 2.0, 3.0, 4.0, 4.5, and 5.0 (n vivo experiments without pepstatin [4].	. species by the oral route. Pepstatin (0.5-5) ts [1]. The bacterial motility in the pepstat	0 mg/kg, p.o.) suppresses stomach in-treated gastric juice was measured at
动物实验	To investigate the effect of pepsins of pepsin in the stomach was inactivate solution). Samples were taken and an 5.0 and at the same periods after app pepsins [4].	d by rinsing the stomach with pepsta alyzed for bacterial motility at the te	atin (100 µl of a 2-mg/ml stock st pH values of 2.0, 3.0, 4.0, 4.5, and
细胞实验	Pepstatin A is freshly dissolved in DM infected H9 suspension cultures so t and 1% DMSO), and the cultures are i uninfected H9 cells are also incubate incubated with 1% DMSO but withou	hat no pepstatin A precipitated (fina ncubated without change of culture d with pepstatin and in addition HIV	l concentration, 70 μ M pepstatin A medium for 48 hr. As a control,
描述	Pepstatin is a specific aspartic proteases ir pepsin and renin.	nhibitor produced by actinomycetes, and in	hibits the aspartic proteases cathepsin D,
储存	Powder: - 20°C for 3 years In solvent	:-80°C for 2 years	