

Leupeptin Hemisulfate

货号: L7411

储存条件: 粉末-20°C 可保存 3 年, 液体-80°C 可保存 12 月。

产品描述

Leupeptin is a reversible and competitive serine/cysteine protease inhibitor which can inhibit proteolysis plasmin, trypsin and papain but not chymotrypsin. Oral administration of leupeptins exhibited an anti-inflammatory effect on edema. It inhibited thrombokinas reaction and coagulation of blood of human and rabbit, but not in rats and dogs. Leupeptin is also used as a cathepsin B inhibitor. Leupeptin inhibited calpain activity with IC50 of 0.14 μ M.

作用机制

Leupeptin is competitive with substrates. The free aldehyde group plays a role in the activities

储存液制备	质量	1 mg	5 mg	10 mg
	1 mM	1.0513 mL	5.2566 mL	10.5131 mL
	5 mM	0.2103 mL	1.0513 mL	2.1026 mL
	10 mM	0.1051 mL	0.5257 mL	1.0513 mL

产品性质

CAS 号	103476-89-7		
分子式	C40H78N12O12S		
分子量	951.19		
溶解度	DMSO	80.0 mg/mL (84.1 mM)	
	Water	78.0 mg/mL(82.0 mM)	
	Ethanol	78.0 mg/mL(82.0 mM)	

