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产品名称: 甲磺酸卡莫司他
产品别名: **Camostat mesylate**

生物活性:				
Description	<p>Camostat Mesylate(FOY305; FOY-S980) is a trypsin-like protease inhibitor Target: Trypsin-like protease</p> <p>Camostat mesilate (500 mM) inhibits generation of TGF-beta by suppressing plasmin activity and reduces the activity of TGF-beta, which blocks in vitro activation of HSCs [1]. Camostat mesilate (20 mM) combined with insulin results a significant hypoglycemic effect following large intestinal administration. Camostat mesilate (20 mM) is effective in reducing insulin degradation in both small and large intestinal homogenates of rats [2]. Camostat mesilate (2 mM) inhibits MCP-1 and TNF- production in activated rat monocytes. Camostat mesilate (2 mM) inhibits proliferation and MCP-1 production of cultured rat PSCs. Camostat mesilate (1 mg/g) prevents pancreatic atrophy and improves pancreatic exocrine function of rat chronic pancreatitis induced by DBTC. Camostat mesilate (1 mg/g) inhibits chronic inflammation and pancreatic fibrosis induced by DBTC. Camostat mesilate (1 mg/g) inhibits the development of pancreatic fibrosis and PSCs activation in the pancreas induced by DBTC. Camostat mesilate (1 mg/g) suppresses monocytes infiltration and inhibits MCP-1 expression both in serum and in pancreatic tissue [3].</p>			
Solvent&Solubility	<p>In Vitro:</p> <p>H₂O : ≥ 50 mg/mL (101.11 mM)</p> <p>* "≥" means soluble, but saturation unknown.</p>			
	Preparing Stock Solutions	<div>Solvent / Mass / Concentration</div>	1 mg	5 mg
		1 mM	2.0222 mL	10.1108 mL
		5 mM	0.4044 mL	2.0222 mL
		10 mM	0.2022 mL	1.0111 mL
	<p>*请根据产品在不同溶剂中的溶解度选择合适的溶剂配制储备液; 一旦配成溶液, 请分装保存, 避免反复冻融造成的产品失效。</p> <p>储备液的保存方式和期限: -80℃, 6 months; -20℃, 1 month。 -80℃ 储存时, 请在 6 个月内使用, -20℃ 储存时, 请在 1 个月内使用。</p>			
References	<p>[1]. Okuno, M., et al., Prevention of rat hepatic fibrosis by the protease inhibitor, camostat mesilate, via reduced generation of active TGF-beta. Gastroenterology, 2001. 120(7): p. 1784-800.</p> <p>[2]. Yamamoto, A., et al., Effects of various protease inhibitors on the intestinal absorption and degradation of insulin in rats. Pharm Res, 1994. 11(10): p. 1496-500.</p> <p>[3]. Gibo, J., et al., Camostat mesilate attenuates pancreatic fibrosis via inhibition of monocytes and pancreatic stellate cells activity. Lab Invest, 2005. 85(1): p. 75-89.</p>			