

FT-STF824



Camostat mesylate

Trypsin-like protease inhibitor

Camostat mesylate (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

Product Description

Catalog #: STF824, 10 mg STF825, 50 mg STF826, 100 mg

Name: **Camostat mesylate**

FOY305; FOY-S980

Purity : >99%

CAS: [59721-29-8]

MW: 494.52

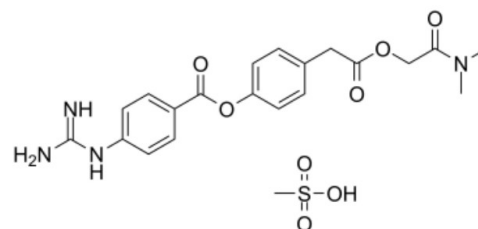
C₂₁H₂₆N₄O₈S

Target : Trypsin-like protease

Solubility : H₂O : ≥ 50 mg/mL (101.11 mM)

Storage:

Powder	4°C	2 years
	-20°C	3 years
In solvent	-80°C	6 months
	-20°C	1 month



Camostat Mesylate(FOY305; FOY-S980) is a trypsin-like protease inhibitor Target: Trypsin-like protease 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].

References

- [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.
- [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.
- [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.

Ordering information

Catalog size quantities and prices may be found at <http://www.interchim.com>.

Please inquire for higher quantities (availability, shipment conditions).

Please contact InterBioTech – Interchim for any other information

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