

# Camostat (mesylate)

Catalog No: tcsc2816



## Available Sizes

**Size:** 10mg

**Size:** 50mg

**Size:** 100mg



## Specifications

**CAS No:**

59721-29-8

**Formula:**

$C_{21}H_{26}N_4O_8S$

**Pathway:**

Others

**Target:**

Others

**Purity / Grade:**

>98%

**Solubility:**

H<sub>2</sub>O : ≥ 50 mg/mL (101.11 mM)

**Alternative Names:**

Camostat mesilate;FOY305;FOY-S980

**Observed Molecular Weight:**

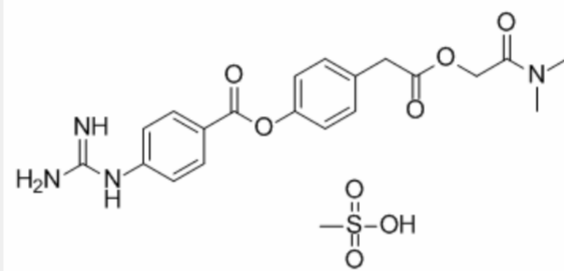
494.52

## Product Description

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].



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