

Camostat free base

Chemical Properties

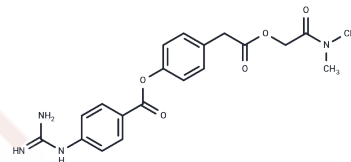
CAS No. : 59721-28-7

Formula: C₂₀H₂₂N₄O₅

Molecular Weight: 398.41

Storage: Powder: -20°C for 3 years | In solvent: -80°C for 1 year

Actual storage temperature shall be subject to the COA.



Biological Description

Description	Camostat, also known as FOY 305, is a serine protease inhibitor. Camostat is used in the treatment of some forms of cancer and is also effective against some viral infections, as well as inhibiting fibrosis in liver or kidney disease or pancreatitis. It is an inhibitor of the enzyme transmembrane protease, serine 2 (TMPRSS2). Inhibition of TMPRSS2 partially blocked infection by SARS-CoV and Human coronavirus NL63 in HeLa cell cultures. In vitro study showed that camostat significantly reduces the infection of Calu-3 lung cells by SARS-CoV-2, the virus responsible for COVID-19.
Targets(IC50)	Others,Serine Protease

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.510 mL	12.5499 mL	25.0998 mL
5 mM	0.502 mL	2.510 mL	5.020 mL
10 mM	0.251 mL	1.255 mL	2.510 mL
50 mM	0.0502 mL	0.251 mL	0.502 mL

Please select the appropriate solvent to prepare the stock solution, according to the solubility of the product in different solvents. Please use it as soon as possible.

Note: The dilution table applies only to solid products. For liquid products, please calculate the stock solution based on the stated concentration and/or density.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

This product is for Research Use Only · Not for Human or Veterinary or Therapeutic Use

Tel:781-999-4286

E_mail:info@targetmol.com

Address:34 Washington Street,Wellesley Hills,MA 02481