Camostat mesylate

Cat. No. GTX01523

Package
50 mg

PRODUCT

Summary

A serine protease inhibitor inhibiting plasmin, kallikrein, thrombin as well as trypsin, which attenuates pancreatic fibrosis. Reduces weight gain and improves metabolism in obese rodent models. In clinical use (in Japan) for pancreatitis. Inhibits influenza virus replication in human tracheal epithelial cells. Reduces infection of Calu-3 lung cells by SARS-CoV-2 (responsible for COVID-19) via inhibition of the serine protease TMPRSS2 required for viral spike protein priming.
CAS No.: 59721-29-8
Physical Properties: Off-white powder
Chemical formula: $C_{20}H_{22}N_4O_5 \cdot CH_3SO_3H$
Molecular weight: 494.5

Properties

Form	Lyophilized powder
Buffer	Reconstitute with DMSO (50mg/ml) or water (50mg/ml).
Preservative	No preservatives
Storage	Store desiccated as supplied at -20ºC for up to 2 years. Store solutions at -20ºC for up to 1 month.
Purity	>98% (HPLC); NMR (Conforms)
Conjugation	Unconjugated
Note	For laboratory research use only. Not for any clinical, therapeutic, or diagnostic use in humans or animals. Not for animal or human consumption. Purchasers shall not, and agree not to enable third parties to, analyze, copy, reverse engineer or otherwise attempt to determine the structure or sequence of the product.

For full product information, images and publications, please visit our website.

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