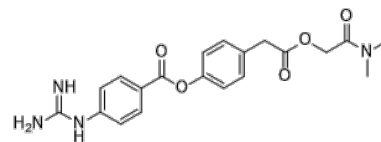

Product Name	: Camostat
Cat. No.	: PC-24582
CAS No.	: 59721-28-7
Molecular Formula	: C ₂₀ H ₂₂ N ₄ O ₅
Molecular Weight	: 398.42
Target	: SARS-CoV-2 Inhibitors
Solubility	: 10 mM in DMSO



Biological Activity

Camostat is a trypsin-like protease inhibitor, also is a TMPRSS2 inhibitor, inhibits SARS-CoV-2 infection.

Camostat is a potent (IC₅₀) approximately 50 nM) and prolonged attenuation of ENaC function in human airway epithelial cell models.

Camostat reduces pancreatic fibrosis induced by repeated administration of superoxide dismutase inhibitors in rats, and decreases the proliferation and activation of pancreatic stellate cells (PSCs).

References

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Mahoney M, et al. Proc Natl Acad Sci U S A. 2021 Oct 26;118(43):e2108728118.

Coote K, et al. J Pharmacol Exp Ther. 2009 May;329(2):764-74.

Caution: Product has not been fully validated for medical applications. Lab Use Only!

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