

Catalog	Unit
TBI2216-10MG	10 mg
TBI2216-50MG	50 mg

Product Details

Formal Name: 4-[[6-[(aminoiminomethyl)amino]-1-oxohexyl]oxy]-benzoic acid ethyl ester, monomethanesulfonate

Alternate Names: FOY

Molecular Formula: C₁₆H₂₃N₃O₄ • CH₃SO₃H

Formula Weight: 417.50

CAS Number: 56974-61-9

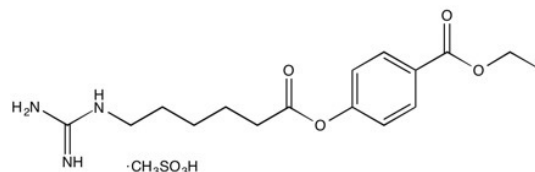
Purity: >98%

Formulation: powder

Solubility: Soluble in Water (up to at least 12 mg/ml)

Storage: -20°C

Stability: ≥ 2 years.



Applications

Serine protease inhibitor

Functions

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.

Application Procedures

First dissolved in Water (up to at least 12 mg/ml), then diluted to aqueous buffer. Solutions in distilled water may be stored at -20°C for up to 1 month.

For research use only.