

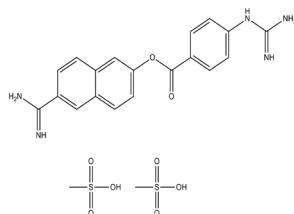
Nafamostat Mesylate

ALTERNATE NAME: 4-[(Aminoiminomethyl)amino]benzoic acid 6-(aminoiminomethyl)-2-naphthalenyl ester dimethanesulfonate; FUT-175; Futhan

CATALOG #: 1760-10, 50

AMOUNT: 10 mg, 50 mg

STRUCTURE:



MOLECULAR FORMULA: C₁₉H₁₇N₅O₂·2CH₄O₃S

MOLECULAR WEIGHT: 539.59

CAS NUMBER: 82956-11-4

APPEARANCE: Off-white solid

SOLUBILITY: DMSO (100 mM) and H₂O (100 mM)

PURITY: ≥97% by HPLC

STORAGE: Store at -20 °C

DESCRIPTION: A broad-spectrum, synthetic serine protease inhibitor and an inhibitor of the classical and alternative ways of complement activation. Displays selectivity for human trypsin when used at relatively low concentrations. Reduces eosinophil infiltration, mast cell activation and airway responsiveness in a murine model of asthma. Nafamostat is a serine protease inhibitor approved in several countries as an anticoagulant. It has been studied in vitro for its activity against SARS-CoV-2

HANDLING: Do not take internally. Wear gloves and mask when handling the product! Avoid contact by all modes of exposure.

RELATED PRODUCTS:

AEBSF, HCl (**Cat. No. 1644-200, 1G**)

Aprotinin (**Cat. No. 4690-5, 100, 1000**)

Calyculin A (**Cat. No. 1562-025**)

BCA Protein Quantitation Kit (**Cat. No. K812-1000**)

Bradford Protein Quantitation Kit (**Cat. No. K810-1000**)

E-64 (**Cat. No. 1739-5, 25**)

Leupeptin, Hemisulfate (**Cat. No. 1648-25, 50, 100**)

EZLys™ Lysozyme, Human (**Cat. No. 8005-1G, 5G**)

Okadaic Acid (**Cat. No. 1543-025**)

Okadaic Acid, Ammonium Salt (**Cat. No. 1766-025**)

Okadaic Acid, Potassium Salt (**Cat. No. 1765-025**)

Okadaic Acid, Sodium Salt (**Cat. No. 1764-025**)

PMSF (**Cat. No. 1548-5**)

Pepstatin A (**Cat. No. 1732-25, 100**)

EZBlock™ Phosphatase Inhibitor Cocktail I (**Cat. No. K273-1ML, 1EA**)

EZBlock™ Phosphatase Inhibitor Cocktail II (**Cat. No. K275-1ML, 1EA**)

EZBlock™ Phosphatase Inhibitor Cocktail III (**Cat. No. K276-1ML, 1EA**)

EZLys™ Bacterial Protein Extraction Reagent (**Cat. No. 8001-100, 500**)

EZBlock™ Protease Inhibitor Cocktail EDTA-Free (**Cat. No. K272-1ML, 5ML, 1EA**)

EZBlock™ Protease Inhibitor Cocktail II (**Cat. No. K277-1EA**)

EZBlock™ Protease Inhibitor Cocktail III (**Cat. No. K278-1EA**)

EZBlock™ Protease Inhibitor Cocktail III (**Cat. No. K279-1,1EA**)

Protease Inhibitor Cocktail (**Cat. No. K271-500**)

FOR RESEARCH USE ONLY! Not to be used on humans.

