

Nafamostat (mesylate)

Catalog No: tcsc2083



Available Sizes

Size: 10mg

Size: 50mg



Specifications

CAS No:

82956-11-4

Formula:

$C_{21}H_{25}N_5O_8S_2$

Pathway:

Metabolic Enzyme/Protease

Target:

Ser/Thr Protease

Purity / Grade:

>98%

Solubility:

10 mM in DMSO

Alternative Names:

FUT-175

Observed Molecular Weight:

539.58

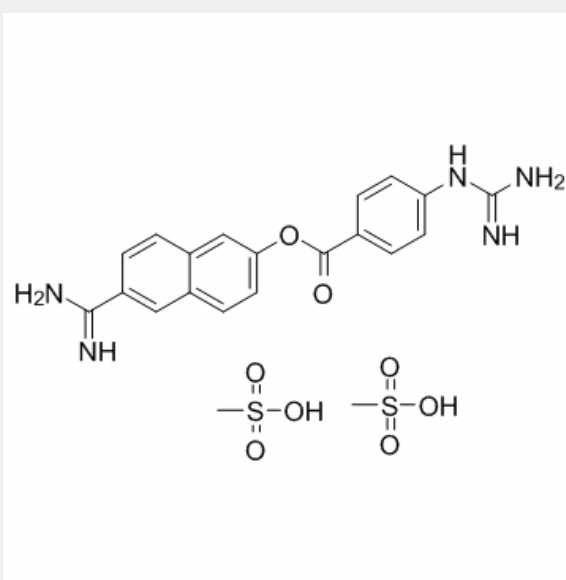
Product Description

Nafamostat mesylate, a synthetic serine protease inhibitor, is an anticoagulant.

Target: Serine Protease

Tranilast (FUT-175) is an antiallergic drug for bronchial asthma. It has been used for the treatment of allergic disorders such as asthma, allergic rhinitis and atopic dermatitis. It has also been investigated for use as an antiproliferative drug on drug-eluting stents.

A 20-40 mg/h dose of FUT-175 prolonged coagulation time sufficiently in the instrumental blood of the extracorporeal circuit but not in the systemic blood. Its anticoagulant activity decreased immediately after hemodialysis. Therefore, we could manage all patients without any bleeding trouble during hemodialysis with FUT-175 as an anticoagulant. Although there were side effects of FUT-175, such as nausea, vomiting, itching and eruption, they were not serious, and FUT-175 could be administered without interruption. FUT-175 seems to be useful as an anticoagulant during hemodialysis for patients susceptible to bleeding.



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