



Catalog Number: MC11014	Product Type: Small Molecule
Bio-Activity: Serine protease inhibitor	CAS #: 82956-11-4
Research Categories: Neuroscience	Chemical Name: 6-Amidino-2-naphthyl-4-guanidinobenzoate dimesylate
Solubility: Soluble in Water (up to 25 mg/ml).	Molecular Formula: C ₁₉ H ₁₇ N ₅ O ₂ · 2CH ₄ O ₃ S
Purity: > 98%	Molecular Weight: 347.38 · 192.21
Format: Powder	Ship Temp: Ambient
Storage: Room Temperature	

Application Notes

Description/Data:

Nafamostat mesylate, although reversible, is a powerful serine protease inhibitor (IC₅₀'s range from 0.3 - 54.0 μM). It inhibits the demethylase activity of the fat mass and obesity-associated protein (FTO) (1).

References:

1) Han et al. (2019) Identification of nafamostat mesilate as an inhibitor of the fat mass and obesity-associated protein (FTO) demethylase; *Chemico-Biological Interactions*, 297 80

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