

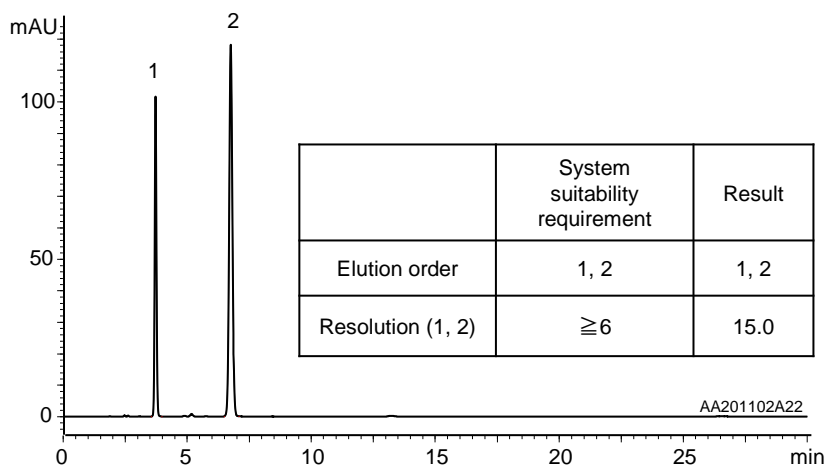
ナファモスタットメシル酸塩 (日本薬局方記載条件)

Nafamostat mesilate (The Japanese Pharmacopoeia)

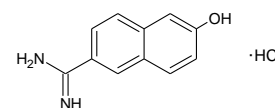
AA201208C

(A) System performance test solution*1

(0.05 mg/mL Nafamostat mesilate, 0.0195 mg/mL 6-Amidino-2-naphthol hydrochloride *2)

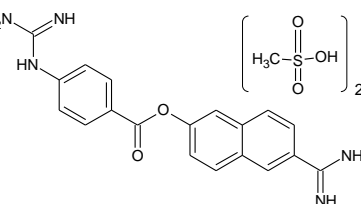


1.



6-Amidino-2-naphthol hydrochloride

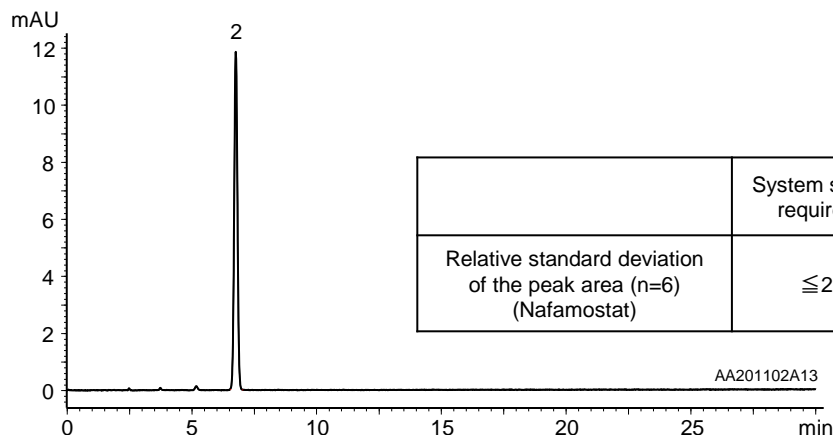
2.



Nafamostat mesilate

(B) Standard solution*1

(5 µg/mL Nafamostat mesilate)



Column : YMC-Triart C18 (5 µm, 12 nm)
250 X 4.6 mm I.D.

Eluent : 100 mM acetic acid containing 30 mM sodium 1-heptanesulfonate/acetonitrile (70/30)

Flow rate : 1.65 mL/min
(adjust the flow rate so that the retention time of Nafamostat is about 7 min)

Temperature : 40°C

Detection : UV at 260 nm

Injection : 10 µL

(The Japanese Pharmacopoeia 17th; Purity (3) Related substances)

*1 All system performance test and standard solutions were prepared from Nafamostat mesilate supplied as a reagent for laboratory use.

*2 The JP 17th indicates to use mesilate form as 6-Amidino-2-naphthol, but hydrochloride form is used in this data sheet. Therefore, the sample concentration of 6-Amidino-2-naphthol is changed from 0.025 mg/mL to 0.0195 mg/mL.