

Certificate of Analysis

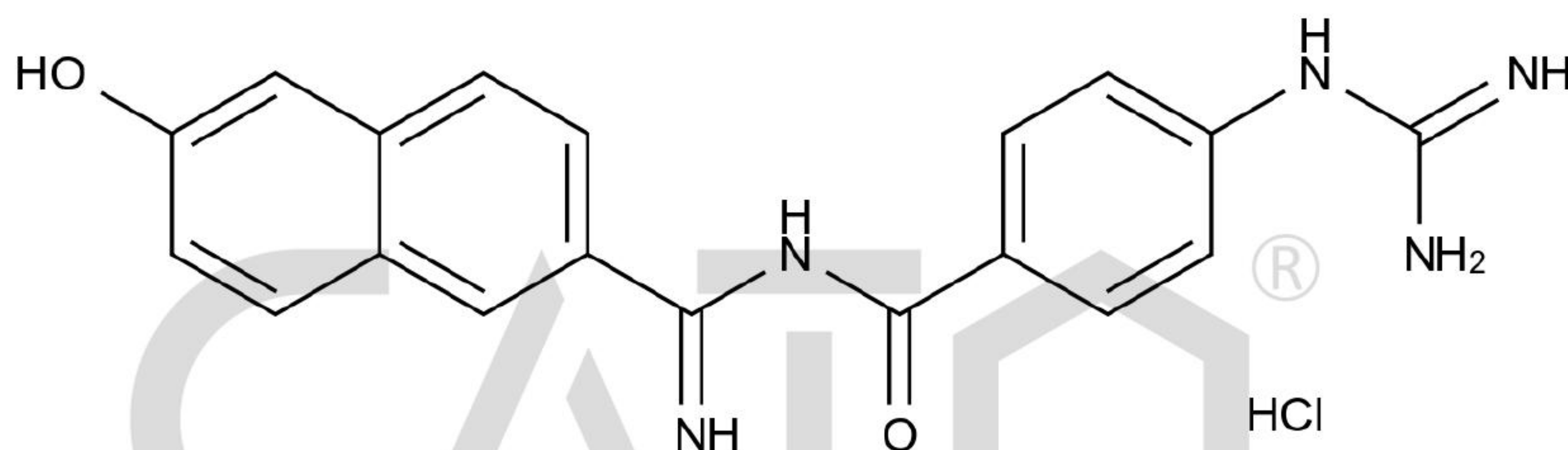
Reference Material & Standard

Product Name:	Nafamostat Impurity 10	Catalogue Number:	C4X-133210
Synonyms:	N/A	Lot Number:	0410-RF-0057
CAS Number:	97457-78-8(free base)	Expiry Date:	Mar 31, 2027
Molecular Formula:	C ₁₉ H ₁₇ N ₅ O ₂ HCl	Storage:	2°C ~ 8°C Protected from light and Sealed
Molecular Weight:	347.37 36.46	Shipping Condition:	Shipping at Room Temperature

Warning:



Chemical Structure:



Test Items	Method	Results
Appearance	Visual inspection	Yellow Solid
Identification	LCMS&HNMR	Confirmed
Purity	HPLC	99.699%
Water Content	Karl Fischer	1.00%
Residual Solvents	NMR	0.36% acetonitrile and 0.61% dimethyl sulfoxide
Assay		97.7%

Comment:

The calculation of the mass balance method follows the formula (calculated on the non-dried basis):

Assay (%) = (100% - Water Content - Residual Solvents) * Purity HPLC (%) / 100%

Water Content and Residual Solvents are considered as absolute effect, HPLC purity is considered as relative effect.

Signature:

Prepared by:

Lily

Reviewed by:

Hinlam

Approved by General Manager:

David

Date: Apr 10, 2024

Date: Apr 11, 2024

Date: Apr 11, 2024



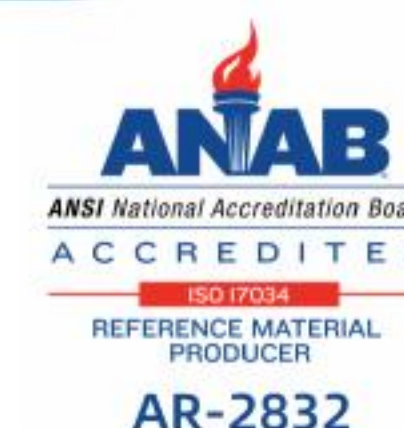
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