

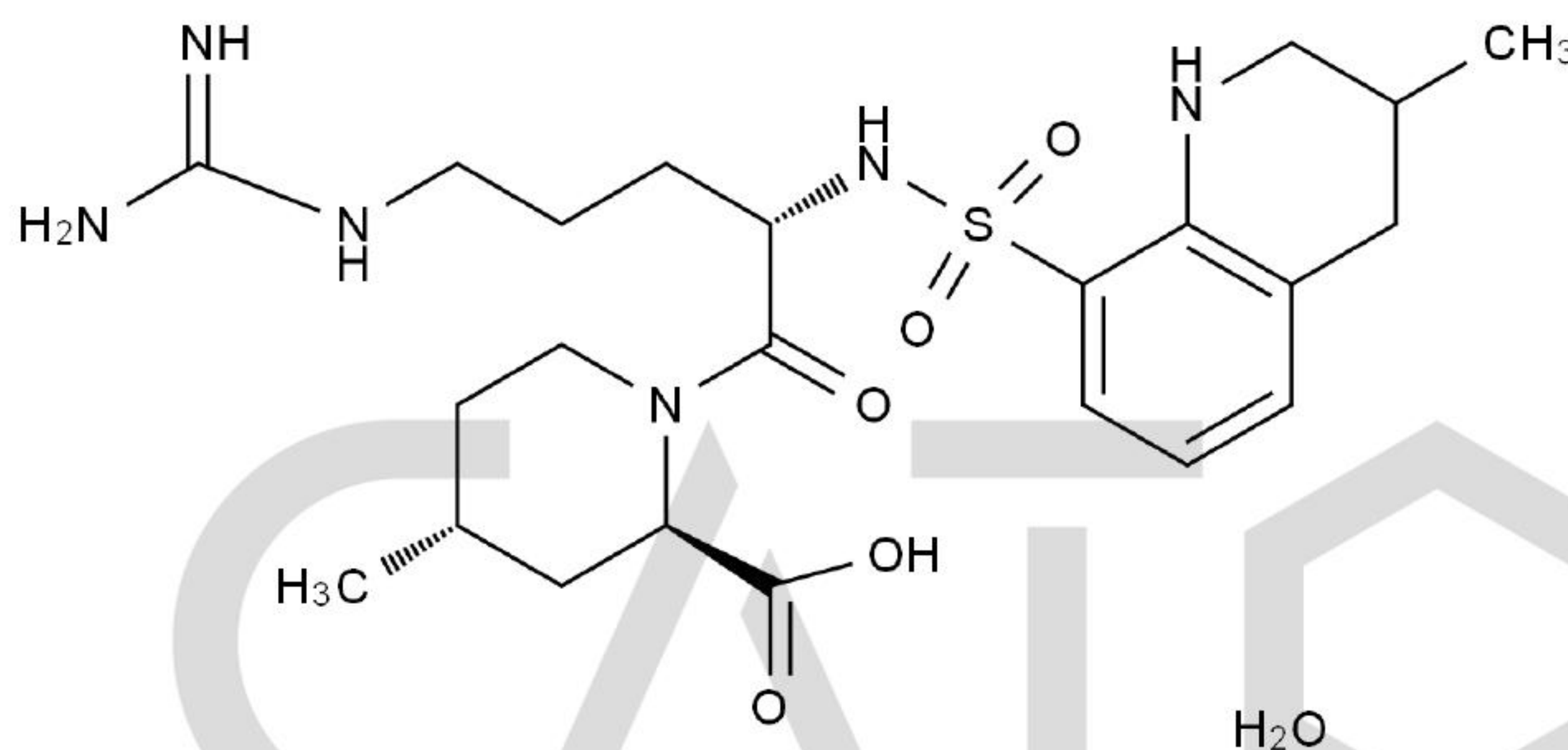
Certificate of Analysis

Reference Material & Standard

Product Name:	Argatroban	Catalogue Number:	C4X-1007
Synonyms:	N/A	Lot Number:	1203-RF-0002
CAS Number:	141396-28-3	Expiry Date:	Dec 04, 2027
Molecular Formula:	C ₂₃ H ₃₆ N ₆ O ₅ S H ₂ O	Storage:	2°C ~ 8°C Protected from light and Sealed
Molecular Weight:	508.63 18.02	Warning:	



Chemical Structure:



Test Items	Method	Results
Appearance	Visual inspection	White Solid
Identification	LCMS&HNMR	Confirmed
Purity	HPLC	99.979%
Residue on Ignition	TGA	0.2182%
Loss On Drying	TGA	3.4312%
Loss On Drying(Free Water)		0.0096%
Assay		99.8%

Comment:

- The content of crystal water is 3.4216%.
- The calculation of the 100% method follows the formula (calculated on the non-dried basis):

$$\text{Assay (\%)} = (100\% - \text{Residue on Ignition} - \text{Loss On Drying(Free Water)}) \times \text{Purity HPLC (\%)} / 100\%$$
Residue on Ignition and Loss On Drying(Free Water) are considered as absolute effect, HPLC purity is considered as relative effect.

Signature:

Prepared by:

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Reviewed by:

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Approved by General Manager:

David

Date: Dec 05, 2024

Date: Dec 05, 2024

Date: Dec 05, 2024

