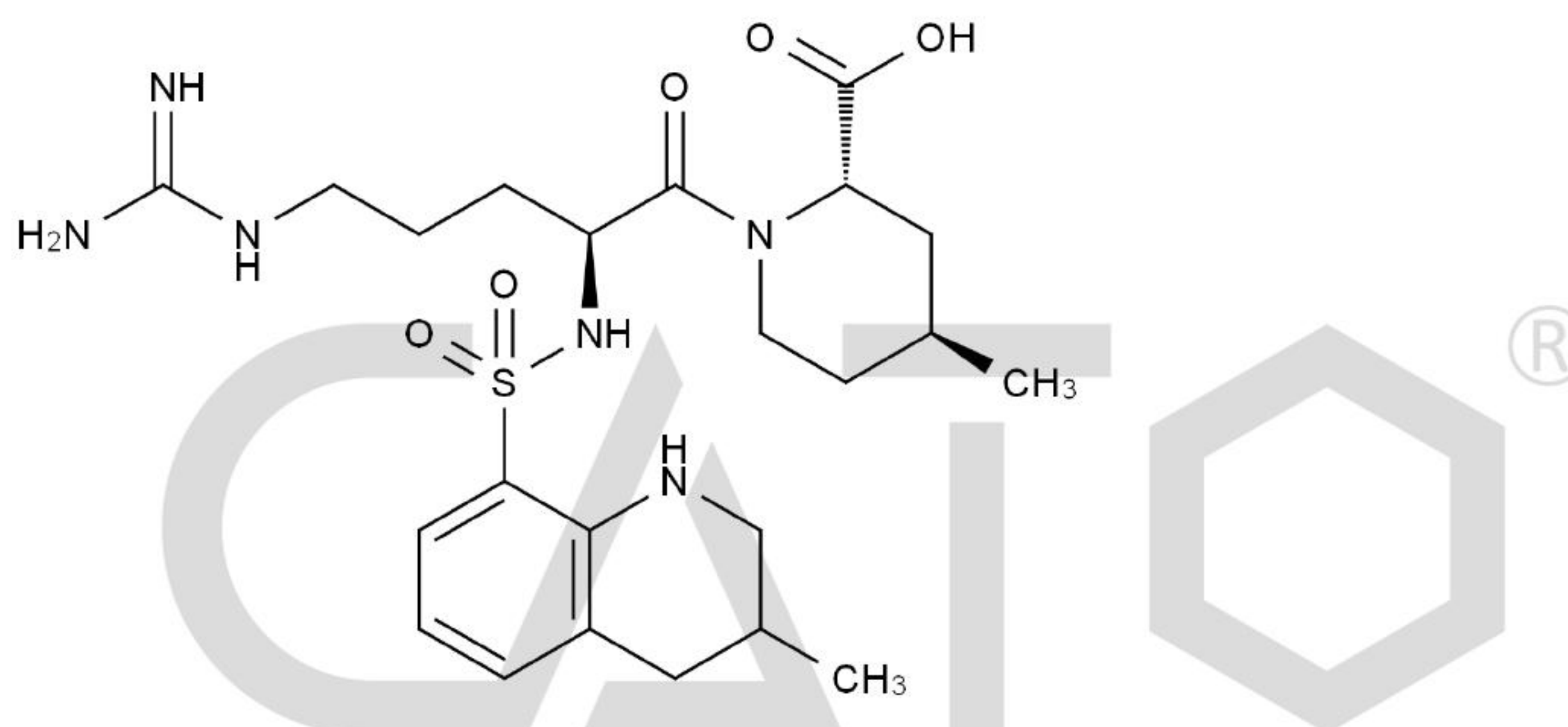


Certificate of Analysis

Reference Material & Standard

Product Name:	Argatroban Impurity 14 (Mixture of Diastereomers)	Catalogue Number:	C4X-100714
Synonyms:	N/A	Lot Number:	0715-RF-0048
CAS Number:	189264-03-7	Expiry Date:	Jul 06, 2026
Molecular Formula:	C ₂₃ H ₃₆ N ₆ O ₅ S	Storage:	2°C ~ 8°C Protected from light and Sealed
Molecular Weight:	508.63	Shipping Condition:	Shipping at Room Temperature

Chemical Structure:



Test Items	Method	Results
Appearance	Visual inspection	Off-White Solid
Identification	LCMS&HNMR	Confirmed
Purity	HPLC	96.389%
Water Content	Karl Fischer	0.35%
Residual Solvents	NMR	0.77% methanol and 0.33% dichloromethane
Assay		95.0%

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:

Lisa

Approved by General Manager:

David

Date: Jul 16, 2024

Date: Jul 16, 2024

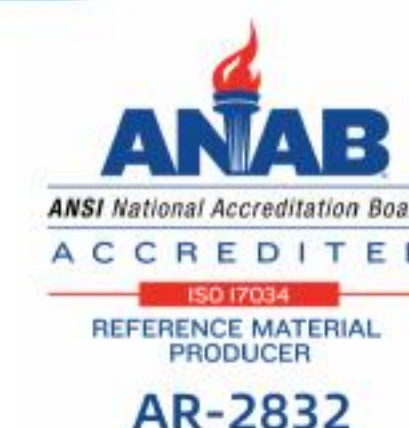
Date: Jul 16, 2024

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