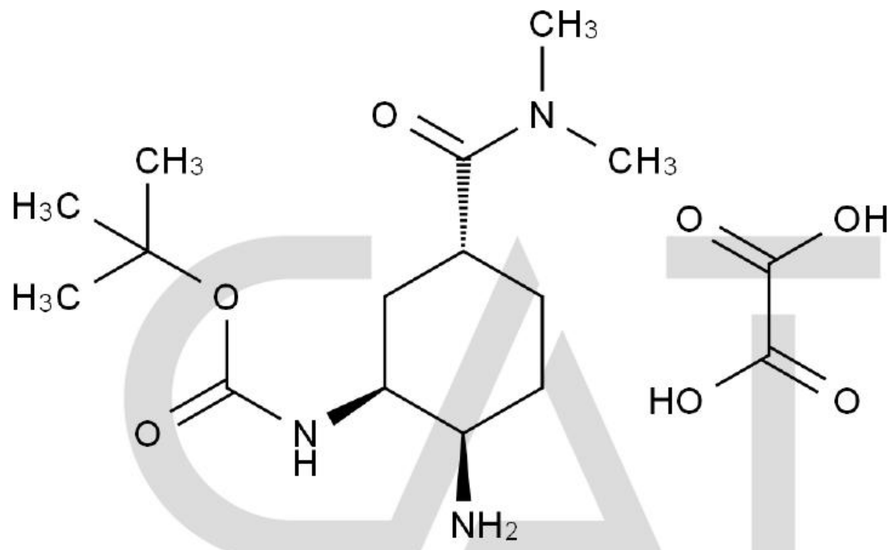
Certificate of Analysis

Reference Material & Standard

Product Name:	Edoxaban Impurity 23	**Catalogue Number:**	C4X-106323
Synonyms:	N/A	**Lot Number:**	1205-RG-0020
CAS Number:	2605225-72-5	**Expiry Date:**	Oct 14, 2029
Molecular Formula:	$C_{14}H_{27}N_3O_3$ $C_2H_2O_4$	**Storage:**	2°C ~ 8°C Protected from light and Sealed
Molecular Weight:	285.38 90.03	**Shipping Condition:**	Shipping at Room Temperature
		Warning:	

Chemical Structure:



Test Items	Method	Results
Appearance	Visual inspection	Off-White Solid
Identification	LCMS&IR&UV&CNMR&HNMR	Confirmed
Purity	HPLC	99.727%
Water Content	Karl Fischer	4.67%
Residual Solvents	NMR	Not detected in NMR
Assay		95.1%

CATO Research Chemicals Inc.

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: Koji Date: Sep 16, 2026

Reviewed by: Lisa Date: Sep 17, 2026

Approved by General Manager: David Date: Sep 17, 2026

CATO Research Chemicals Inc.

Add: 3rd Floor, Building B, No.179, Guangpu Rd East, Huangpu District, Guangzhou, China

Tel: +86-20-81960175 Email: supports@cato-chem.com Web: https://www.cato-chem.com

ANAB ANSI National Accreditation Board ACCREDITED ISO 17034 REFERENCE MATERIAL PRODUCER AR-2832

SYSTEM CERTIFICATION ISO 9001:2000 SGS

Official WeChat