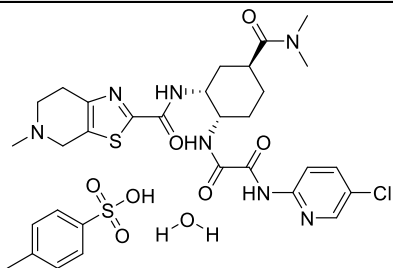




Certificate of Analysis

MedKoo Cat#:	Product Name:	Lot#:
314259	Edoxaban tosylate monohydrate	C8R08B08

Chemical name	
N1-(5-chloropyridin-2-yl)-N2-((1S,2R,4S)-4-(dimethylcarbamoyl)-2-(5-methyl-4,5,6,7-tetrahydrothiazolo[5,4-c]pyridine-2-carboxamido)cyclohexyl)oxalamide 4-methylbenzenesulfonate hydrate	
Synonyms	
DU176b; DU-176b; DU 176b; Edoxaban; Edoxaban tosylate monohydrate, trade name Lixiana.	
Chemical structure	CAS# and Theoretical analysis
	MedKoo Cat#: 314259 Name: Edoxaban tosylate monohydrate CAS#: 1229194-11-9 (tosylate hydrate) Lot# C8R08B08 Chemical Formula: C ₃₁ H ₄₀ ClN ₇ O ₈ S ₂ Exact Mass: 737.2068 Molecular Weight: 738.27

Analysis item	Specifications / Results
Appearance	White to off-white solid powder
Structure	¹ H-NMR analysis matches the structure. MS analysis gives the correct molecule weight. Both NMR and MS data are consistent with those reported in the literature.
Purity (HPLC)	>98.0%
Solubility	Soluble in DMSO
Conclusion	This product conforms with MedKoo's quality standards
Shipping condition	Shipped under ambient temperature as non-hazardous chemical. This product is stable for a few weeks during ordinary shipping and time spent in customs.
Storage condition	Short term storage (weeks): 0 – 4 °C under dry condition Long term storage (months): -20 °C under dry condition
Shelf life	At least 5 years if properly stored.

CAUTION: NOT FULLY TESTED. FOR RESEARCH ONLY, NOT FOR HUMAN USE