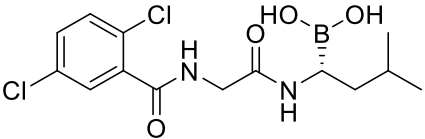




Certificate of Analysis

MedKoo Cat#:	Product Name:	Lot#:
205857	Ixazomib (MLN-2238)	CRB60119

Chemical name	
(R)-(1-(2-(2,5-dichlorobenzamido)acetamido)-3-methylbutyl)boronic acid	
Synonyms	
MLN2238; MLN-2238; MLN 2238; Ixazomib. Trade name: Ninlaro.	
Chemical structure	CAS# and Theoretical analysis
	MedKoo Cat#: 205857 Name: Ixazomib (MLN-2238) CAS#: 1072833-77-2 Lot# CRB60119 Chemical Formula: C ₁₄ H ₁₉ BCl ₂ N ₂ O ₄ Exact Mass: 360.08149 Molecular Weight: 361.03

Analysis item	Specifications / Results
Appearance	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
Self life	At least 5 years if properly stored.

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