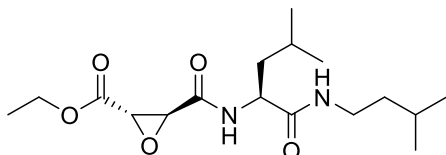


# Certificate of Analysis

MedKoo Cat#:	Product Name:	Lot#:
319511	Aloxistatin	C9R07B09

Chemical name	
ethyl (2S,3S)-3-(((S)-1-(isopentylamino)-4-methyl-1-oxopentan-2-yl)carbamoyl)oxirane-2-carboxylate	
Synonyms	
E-64d; E 64d; E64d; E64-d; E64-d; E64 d; ethyl ester Loxistatin; NSC 694281; NSC694281; NSC-694281; EST; EP-453; EP453; EP 453; Aloxistatin	
Chemical structure	CAS# and Theoretical analysis
	MedKoo Cat#: 319511 Name: Aloxistatin (E-64d) CAS#: 88321-09-9 Lot#: C9R07B09 Chemical Formula: C <sub>17</sub> H <sub>30</sub> N <sub>2</sub> O <sub>5</sub> Exact Mass: 342.21547 Molecular Weight: 342.436

Analysis item	Specifications / Results
Appearance	White to off-white solid powder
Structure	<sup>1</sup> 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)	>99.0%
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**