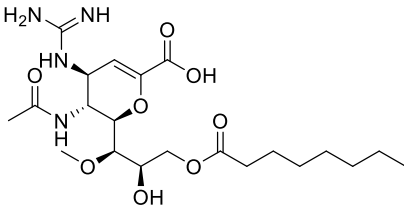




Certificate of Analysis

MedKoo Cat#:	Product Name:	Lot#:
565049	Laninamivir Octanoate	T22D09P20

Chemical name	
(4S,5R,6R)-5-Acetamido-4-guanidino-6-[(1R,2R)- 2-hydroxy-1-methoxy-3-(octanoyloxy)propyl]-5,6-dihydro-4H-pyran-2-carboxylic Acid	
Synonyms	
Laninamivir Octanoate; CS-8958; CS 8958; CS8958; R-125489; R 125489; R125489	
Chemical structure	CAS# and Theoretical analysis
	MedKoo Cat#: 565049 Name: Laninamivir Octanoate CAS#: 203120-46-1 (octanoate) Lot#: T22D09P20 Chemical Formula: C ₂₁ H ₃₆ N ₄ O ₈ Exact Mass: 472.2533 Molecular Weight: 472.54

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%
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 3 years if properly stored.

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