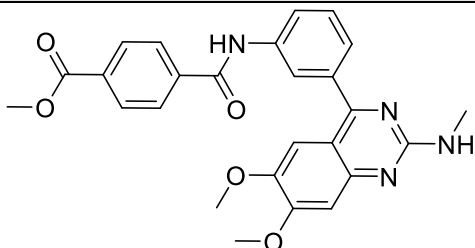


Certificate of Analysis

MedKoo Cat#:	Product Name:	Lot#:
528909	Lotamilast (RVT-501)	T7Z11C21

Chemical name	
methyl 4-((3-(6,7-dimethoxy-2-(methylamino)quinazolin-4-yl)phenyl)carbamoyl)benzoate	
Synonyms	
E-6005; E6005; E6005; RVT-501; RVT501; RVT 501; lotamilast;	
Chemical structure	CAS# and Theoretical analysis
	MedKoo Cat#: 528909 Name: Lotamilast (RVT-501) CAS#: 947620-48-6 Lot #: T7Z11C21 Chemical Formula: C ₂₆ H ₂₄ N ₄ O ₅ Exact Mass: 472.1747 Molecular Weight: 472.5

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