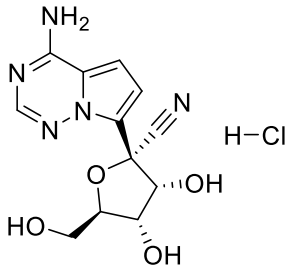




Certificate of Analysis

MedKoo Cat#:	Product Name:	Lot#:
555735	GS-441524 HCl	E20003S20

Chemical name	
(2R,3R,4S,5R)-2-(4-aminopyrrolo[2,1-f][1,2,4]triazin-7-yl)-3,4-dihydroxy-5-(hydroxymethyl)tetrahydrofuran-2-carbonitrile hydrochloride	
Synonyms	
GS-441524 HCl; GS-441524 hydrochloride; GS-441524; GS441524; GS 441524; Remdesivir-metabolite, GS-5734-metabolite; GS5734-metabolite; GS 5734-metabolite	
Chemical structure	CAS# and Theoretical analysis
	MedKoo Cat#: 555735 Name: GS-441524 HCl CAS#: 2378280-82-9 (HCl) Lot#: E20003S20 Chemical Formula: C ₁₂ H ₁₄ ClN ₅ O ₄ Molecular Weight: 327.73

Analysis item	Specifications / Results
Appearance	Off-white to light yellow 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)	>99.0%
Solubility	Soluble in water
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