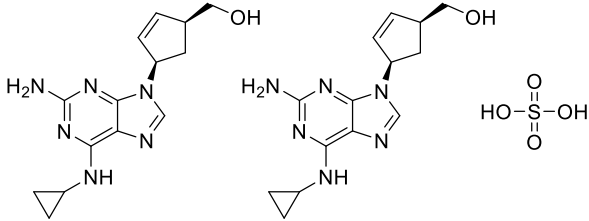




Certificate of Analysis

MedKoo Cat#:	Product Name:	Lot#:
562587	Abacavir sulfate	C20R03B10

Chemical name	
[(1S,4R)-4-[2-amino-6-(cyclopropylamino)purin-9-yl]cyclopent-2-en-1-yl]methanol, sulfuric acid (2:1)	
Synonyms	
Abacavir sulfate salt; Abacavir hemisulfate; 1592U89 sulfate	
Chemical structure	CAS# and Theoretical analysis
	MedKoo Cat#: 562587 Name: Abacavir sulfate CAS#: 188062-50-2 (sulfate) Chemical Formula: C ₂₈ H ₃₈ N ₁₂ O ₆ S Exact Mass: 670.2758 Molecular Weight: 670.75

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 and PBS
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