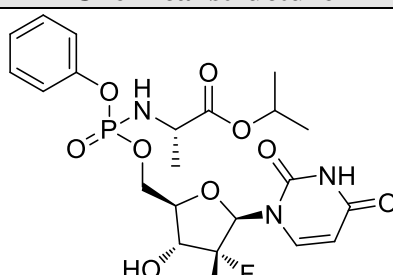


Certificate of Analysis

MedKoo Cat#:	Product Name:	Lot#:
314202	Sofosbuvir	BBC50908

Chemical name	
(2S)-isopropyl 2-((((((2R,3R,4R,5R)-5-(2,4-dioxo-3,4-dihydropyrimidin-1(2H)-yl)-4-fluoro-3-hydroxy-4-methyltetrahydrofuran-2-yl)methoxy)(phenoxy)phosphoryl)amino)propanoate	
Synonyms	
Sofosbuvir; PSI-7977; PSI 7977; PSI7977; GS7977; GS-7977; GS 7977 brand name: Sovaldi and Virunon.	
Chemical structure	CAS# and Theoretical analysis
	MedKoo Cat#: 314202 Name: Sofosbuvir CAS#: 1190307-88-0 Lot#: BBC50908 Chemical Formula: C ₂₂ H ₂₉ FN ₃ O ₉ P Exact Mass: 529.16254 Molecular Weight: 529.45

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)	>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
Self life	At least 5 years if properly stored.

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