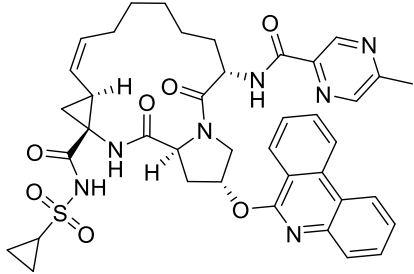




Certificate of Analysis

MedKoo Cat#:	Product Name:	Lot#:
314255	Paritaprevir	CRB70116

Chemical name	
(2R,6S,13aS,14aR,16aS,Z)-N-(cyclopropylsulfonyl)-6-(5-methylpyrazine-2-carboxamido)-5,16-dioxo-2-(phenanthridin-6-yloxy)-1,2,3,5,6,7,8,9,10,11,13a,14,14a,15,16,16a-hexadecahydrocyclopropa[e]pyrrolo[1,2-a][1,4]diazacyclopentadecine-14a-carboxamide	
Synonyms	
ATB450; ABT-450; ABT 450; Paritaprevir; Veruprevir; Brand name: VIEKIRA PAK.	
Chemical structure	CAS# and Theoretical analysis
	MedKoo Cat#: 314255 Name: Paritaprevir CAS#: 1216941-48-8 Lot#: CRB70116 Chemical Formula: C ₄₀ H ₄₃ N ₇ O ₇ S Exact Mass: 765.29447 Molecular Weight: 765.88

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)	>97.0%
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