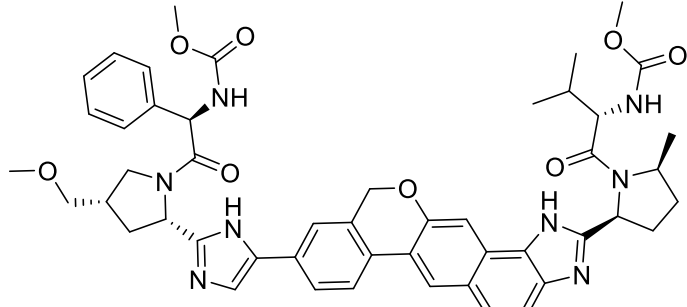




Certificate of Analysis

MedKoo Cat#:	Product Name:	Lot#:
326724	Velpatasvir	CRB60919

Chemical name	
methyl ((R)-2-((2S,4S)-2-(5-(2-((2S,5S)-1-((methoxycarbonyl)-L-valyl)-5-methylpyrrolidin-2-yl)-1,11-dihydroisochromeno[4',3':6,7]naphtho[1,2-d]imidazol-9-yl)-1H-imidazol-2-yl)-4-(methoxymethyl)pyrrolidin-1-yl)-2-oxo-1-phenylethyl)carbamate	
Synonyms	
GS5816; GS-5816; GS 5816; Velpatasvir	
Chemical structure	CAS# and Theoretical analysis
	MedKoo Cat#: 326724 Name: Velpatasvir CAS#: 1377049-84-7 Lot#: CRB60919 Chemical Formula: C ₄₉ H ₅₄ N ₈ O ₈ Exact Mass: 882.4065 Molecular Weight: 883.02

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
Shelf life	At least 5 years if properly stored.

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