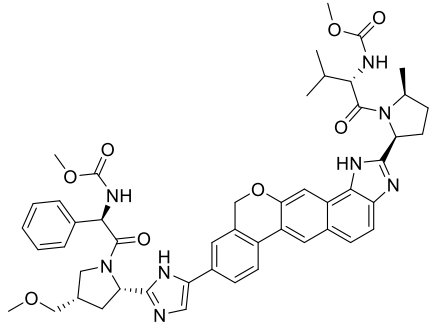


# Product data sheet



MedKoo Cat#: 326724 Name: Velpatasvir CAS#: 1377049-84-7 Chemical Formula: C <sub>49</sub> H <sub>54</sub> N <sub>8</sub> O <sub>8</sub> Exact Mass: 882.4065 Molecular Weight: 883.019		
Product supplied as:	Powder	
Purity (by HPLC):	≥ 98%	
Shipping conditions	Ambient temperature	
Storage conditions:	Powder: -20°C 3 years; 4°C 2 years. In solvent: -80°C 3 months; -20°C 2 weeks.	

## 1. Product description:

Velpatasvir, also known as GS-5816, is a potent and selective Hepatitis C virus NS5A inhibitor. GS-5816 has demonstrated pan-genotypic activity and a high barrier to resistance in HCV replicon assays. GS-5816 demonstrated pangenotypic antiviral activity in patients with genotype 1-4 HCV infection. It will be further evaluated in combination with other pangenotypic direct-acting antivirals to achieve the goal of developing a well-tolerated, highly effective treatment for all HCV genotypes.

## 2. CoA, QC data, SDS, and handling instruction

SDS and handling instruction, CoA with copies of QC data (NMR, HPLC and MS analytical spectra) can be downloaded from the product web page under “QC And Documents” section. Note: copies of analytical spectra may not be available if the product is being supplied by MedKoo partners. Whether the product was made by MedKoo or provided by its partners, the quality is 100% guaranteed.

## 3. Solubility data

Solvent	Max Conc. mg/mL	Max Conc. mM
DMSO	88.89	100.66
DMF	30.0	33.97
Ethanol	65.0	73.61
Ethanol:PBS (pH 7.2) (1:2)	0.33	0.37
Water	50.5	57.19

## 4. Stock solution preparation table:

Concentration / Solvent Volume / Mass	1 mg	5 mg	10 mg
1 mM	1.13 mL	5.66 mL	11.32 mL
5 mM	0.23 mL	1.13 mL	2.26 mL
10 mM	0.11 mL	0.57 mL	1.13 mL
50 mM	0.02 mL	0.11 mL	0.23 mL

## 5. Molarity Calculator, Reconstitution Calculator, Dilution Calculator

Please refer the product web page under section of “Calculator”

## 6. Recommended literature which reported protocols for in vitro and in vivo study

In vitro study

N/A

In vivo study

N/A

## 7. Bioactivity

Biological target:

Velpatasvir (VEL, GS-5816) is a pan-genotypic hepatitis C virus (HCV) nonstructural protein 5A (NS5A) inhibitor with activity against genotype 1 (GT1) to GT6 HCV replicons.

# Product data sheet



In vitro activity

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N/A

In vivo activity

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N/A

*Note: The information listed here was extracted from literature. MedKoo has not independently retested and confirmed the accuracy of these methods. Customer should use it just for a reference only.*