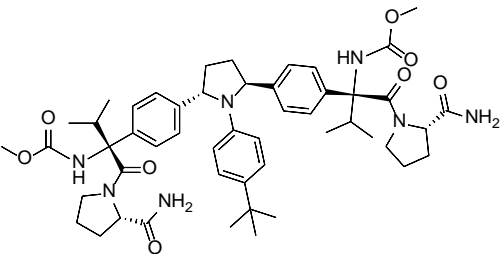


Product data sheet



MedKoo Cat#: 314254 Name: Ombitasvir CAS: 1258226-87-7 Chemical Formula: C ₅₀ H ₆₇ N ₇ O ₈ Exact Mass: 893.5051 Molecular Weight: 894.127	
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:

Ombitasvir, also known as ABT-267, is a NS5A inhibitor, and is an antiviral drug for the treatment of hepatitis C virus (HCV) infection. In the United States, it is approved by the Food and Drug Administration for use in combination with paritaprevir, ritonavir and dasabuvir in the product Viekira Pak. Ombitasvir acts by inhibiting the HCV protein NS5A.

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
DMF	30.0	33.55
DMSO	54.33	60.77
Ethanol	30.0	33.55
Ethanol:PBS (pH 7.2) (1:2)	0.3	0.34

4. Stock solution preparation table:

Concentration / Solvent Volume / Mass	1 mg	5 mg	10 mg
1 mM	1.12 mL	5.59 mL	11.18 mL
5 mM	0.22 mL	1.12 mL	2.24 mL
10 mM	0.11 mL	0.56 mL	1.12 mL
50 mM	0.02 mL	0.11 mL	0.22 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

TBD

In vivo study

TBD

7. Bioactivity

Biological target:

Ombitasvir is a potent inhibitor of the hepatitis C virus protein NS5A, with EC₅₀s of 0.82 to 19.3 pM against HCV genotypes 1 to 5, and 366 pM against genotype 6a.

In vitro activity

TBD

Product data sheet



In vivo activity

TBD

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.