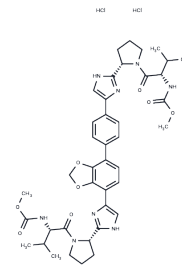


## Coblopasvir dihydrochloride

## Chemical Properties

CAS No. :	1966138-53-3
Formula:	C <sub>41</sub> H <sub>52</sub> Cl <sub>2</sub> N <sub>8</sub> O <sub>8</sub>
Molecular Weight:	855.81
Storage:	Powder: -20°C for 3 years   In solvent: -80°C for 1 year Actual storage temperature shall be subject to the COA.



## Biological Description

Description	Coblopasvir dihydrochloride can be used to study chronic HCV infection and is a pan-genotypic nonstructural protein 5A (NS5A) inhibitor.
Targets(IC50)	HCV Protease

## Solubility Information

Solubility	DMSO: 22.5 mg/mL (26.29 mM), Sonication is recommended. (< 1 mg/ml refers to the product slightly soluble or insoluble)
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## Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.1685 mL	5.8424 mL	11.6848 mL
5 mM	0.2337 mL	1.1685 mL	2.337 mL
10 mM	0.1168 mL	0.5842 mL	1.1685 mL
50 mM	0.0234 mL	0.1168 mL	0.2337 mL

Please select the appropriate solvent to prepare the stock solution, according to the solubility of the product in different solvents. Please use it as soon as possible.

Note: The dilution table applies only to solid products. For liquid products, please calculate the stock solution based on the stated concentration and/or density.

## Reference

Gao Y, et al. Coblopasvir and sofosbuvir for treatment of chronic hepatitis C virus infection in China: A single-arm, open-label, phase 3 trial. Liver Int. 2020;40(11):2685-2693.

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