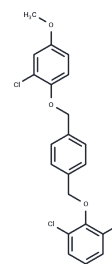


## pocapavir

## Chemical Properties

CAS No. :	146949-21-5
Formula:	C <sub>21</sub> H <sub>17</sub> Cl <sub>3</sub> O <sub>3</sub>
Molecular Weight:	423.72
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	Pocapavir (SCH-48973) is an investigational enterovirus (EV) capsid inhibitor.
Targets(IC50)	Antiviral, Virus Protease

## Solubility Information

Solubility	DMSO: 50 mg/mL (118 mM), Sonication is recommended. H <sub>2</sub> O: Insoluble, ( $< 1$ mg/ml refers to the product slightly soluble or insoluble)
In vivo Formulation	10% DMSO+40% PEG300+5% Tween 80+45% Saline: 2 mg/mL (4.72 mM), Sonication is recommended. <i>Please add the solvents sequentially, clarifying the solution as much as possible before adding the next one. Dissolve by heating and/or sonication if necessary. Working solution is recommended to be prepared and used immediately. The formulation provided above is for reference purposes only. In vivo formulations may vary and should be modified based on specific experimental conditions.</i>

## Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.360 mL	11.8002 mL	23.6005 mL
5 mM	0.472 mL	2.360 mL	4.7201 mL
10 mM	0.236 mL	1.180 mL	2.360 mL
50 mM	0.0472 mL	0.236 mL	0.472 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

Collett MS, et al. Antiviral Activity of Pocopavir in a Randomized, Blinded, Placebo-Controlled Human Oral Poliovirus Vaccine Challenge Model. J Infect Dis. 2017 Feb 1;215(3):335-343.

Wittekind SG, et al. Neonatal Enterovirus Myocarditis With Severe Dystrophic Calcification: Novel Treatment With Pocopavir. J Investig Med High Impact Case Rep. 2017 Sep 14;5(3):2324709617729393.

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