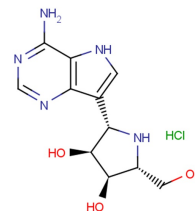


## Galidesivir hydrochloride

## Chemical Properties

CAS No.:	222631-44-9
Formula:	C <sub>11</sub> H <sub>16</sub> ClN <sub>5</sub> O <sub>3</sub>
Molecular Weight:	301.73
Appearance:	N/A
Storage:	0-4°C for short term (days to weeks), or -20°C for long term (months).



## Biological Description

Description	Galidesivir hydrochloride is an inhibitor of viral RNA-dependent RNA polymerase (RdRp). It inhibits SARS-CoV-2 by tightly binding to its RdRp.
Targets(IC <sub>50</sub> )	RdRp inhibitor: None

## Solubility Information

Solubility	H <sub>2</sub> O: 41 mg/mL (135.88 mM) ( < 1 mg/ml refers to the product slightly soluble or insoluble)
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## Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	3.314 mL	16.571 mL	33.142 mL
5 mM	0.663 mL	3.314 mL	6.628 mL
10 mM	0.331 mL	1.657 mL	3.314 mL
50 mM	0.066 mL	0.331 mL	0.663 mL

Please select the appropriate solvent to prepare the stock solution, according to the solubility of the product in different solvents. The storage conditions and period of the stock solution: - 80 °C for 6 months; - 20 °C for 1 month. Please use it as soon as possible.

## Reference

1. Elfiky AA, et al. Ribavirin, Remdesivir, Sofosbuvir, Galidesivir, and Tenofovir against SARS-CoV-2 RNA dependent RNA polymerase (RdRp): A molecular docking study. Life Sci. 2020 Mar 25:117592.

Inhibitors · Natural Compounds · Compound Libraries

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