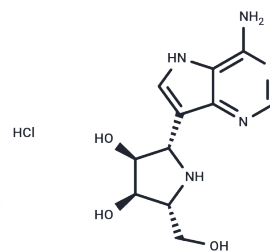


Galidesivir hydrochloride

Chemical Properties

CAS No. :	222631-44-9
Formula:	C ₁₁ H ₁₆ ClN ₅ O ₃
Molecular Weight:	301.73
Storage:	Powder: -20°C for 3 years In solvent: -80°C for 1 year <small>Actual storage temperature shall be subject to the COA.</small>



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(IC50)	Others,DNA/RNA Synthesis,SARS-CoV,Virus Protease

Solubility Information

Solubility	H ₂ O: 41 mg/mL (135.88 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	3.3142 mL	16.5711 mL	33.1422 mL
5 mM	0.6628 mL	3.3142 mL	6.6284 mL
10 mM	0.3314 mL	1.6571 mL	3.3142 mL
50 mM	0.0663 mL	0.3314 mL	0.6628 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

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.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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