

## GRP-60367 hydrochloride

## Chemical Properties

CAS No. :

Formula: C<sub>21</sub>H<sub>28</sub>ClN<sub>3</sub>O<sub>2</sub>

Molecular Weight: 389.92

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	GRP-60367 hydrochloride is a novel small-molecule entry inhibitor of rabies virus (RABV), exhibiting nanomolar potency against select RABV strains. This first-in-class compound effectively targets the RABV G protein [1].
Targets(IC50)	Others
In vitro	GRP-60367, ranging in concentration from 0.1 nM to 1000 μM, demonstrates specific and potent activity against RABV, achieving EC <sub>50</sub> values between 2 and 52 nM across different host cell lines (BEAS-2B, 293T, Hep-2) in dose-response assays. The cell viability assays, conducted over 48 hours with concentrations from 0.1 nM to 1000 μM, yielded EC <sub>50</sub> s of 2 nM, 3 nM, and 52 nM for the RABV-ΔG-nanoLuc virus in BEAS-2B, 293T, and Hep-2 cell lines, respectively.

## Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.5646 mL	12.8231 mL	25.6463 mL
5 mM	0.5129 mL	2.5646 mL	5.1293 mL
10 mM	0.2565 mL	1.2823 mL	2.5646 mL
50 mM	0.0513 mL	0.2565 mL	0.5129 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.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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