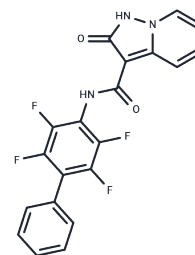


MEDS433

Chemical Properties

CAS No. : 2241027-61-0
 Formula: C₂₀H₁₁F₄N₃O₂
 Molecular Weight: 401.31
 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	MEDS433 is a dihydroorotate dehydrogenase inhibitor (IC ₅₀ 1.2 nM). MEDS433 inhibited the in vitro replication of hCoV-OC43 and hCoV-229E, as well as of SARS-CoV-2, at low nanomolar range. Notably, the anti-SARS-CoV-2 activity of MEDS433 against SARS-CoV-2 was also observed in kidney organoids generated from human embryonic stem cells.
Targets(IC ₅₀)	Others,Dehydrogenase

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.4918 mL	12.4592 mL	24.9184 mL
5 mM	0.4984 mL	2.4918 mL	4.9837 mL
10 mM	0.2492 mL	1.2459 mL	2.4918 mL
50 mM	0.0498 mL	0.2492 mL	0.4984 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

This product is for Research Use Only · Not for Human or Veterinary or Therapeutic Use

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