

## Molnupiravir-D7

## Chemical Properties

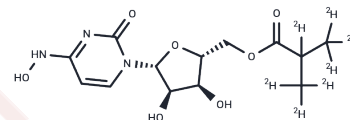
CAS No. :

Formula: C<sub>13</sub>H<sub>12</sub>D<sub>7</sub>N<sub>3</sub>O<sub>7</sub>

Molecular Weight: 336.35

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	Molnupiravir-D7 is a deuterated compound of Molnupiravir. Molnupiravir (T60951) has a CAS number of 2349386-89-4. EIDD-2801 is an isopropylester prodrug of the ribonucleoside analog N 4-hydroxycytidine (EIDD-1931) that has shown broad influenza virus and multiple coronaviruses activity.
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## Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.9731 mL	14.8655 mL	29.7309 mL
5 mM	0.5946 mL	2.9731 mL	5.9462 mL
10 mM	0.2973 mL	1.4865 mL	2.9731 mL
50 mM	0.0595 mL	0.2973 mL	0.5946 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

- Toots M, et al. Characterization of orally efficacious influenza drug with high resistance barrier in ferrets and human airway epithelia. Sci Transl Med. 2019 Oct 23;11(515). pii: eaax5866.

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