

Product Information

Product ID E325125

CAS No. 2349386-89-4, 2492423-29-5

Chemical Name N-Hydroxy-5'-O-isobutyryl-3,4-dihydrocytidine

Synonym Molnupiravir; EIDD 2801; EIDD2801; MK-4482; 8-D-N4-Hydroxycytidine-5'-isopropyl ester

Formula C₁₃H₁₉N₃O₇

Formula Wt. 329.3

Melting Point

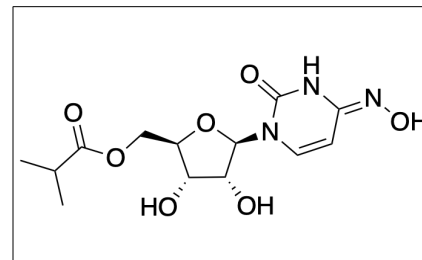
Purity ≥98%

Solubility

Store Temp -20° C

Ship Temp Ambient

Description EIDD-2801 (Molnupiravir) is an orally bioavailable broad spectrum antiviral compound that is effective against SARS-CoV2 infection.



Pricing and Availability

Bulk quantities available upon request

Product ID	Size	List Price
E325125	5 mg	\$84.10
E325125	10 mg	\$150.30
E325125	25 mg	\$294.50
E325125	100 mg	\$871.30

References Sheahan TP, Sims AC, Zhou S. et al An orally bioavailable broad-spectrum antiviral inhibits SARS-CoV-2 in human airway epithelial cell cultures and multiple coronaviruses in mice. *scitranslmed.abb5883*. Epub 2020 Apr 6. PMID: 32253226 PMCID: PMC7164393 DOI: 10.1126/scitranslmed.abb5883

Fischer W, Eron JJ, Holman W. et al. Molnupiravir, an Oral Antiviral Treatment for COVID-19. *MedRxiv*. 2021 Jun 17:2021.06.17.21258639. doi: 10.1101/2021.06.17.21258639. Preprint. PMID: 34159342

Abdelnabi R, Foo CS, De Jonghe S. Molnupiravir Inhibits Replication of the Emerging SARS-CoV-2 Variants of Concern in a Hamster Infection Model. *J Infect Disactions*. 2021 Sep 1;224(5):749-753. doi: 10.1093/infdis/jiab361. PMID: 34244768 PMCID: PMC8408768 DOI: 10.1093/infdis/jiab361

Kabinger F, Stiller C, Schmitzova J, et al. Mechanism of molnupiravir-induced SARS-CoV-2 mutagenesis. *Nature Structural & Molecular Biology*. 2021 Sep;28(9):740-746. PMID: 34381216.

Gordon CJ, Tchesnokov EP, Schinazi RF, et al. Molnupiravir promotes SARV-CoV-2 mutagenesis via the RNA template. *J Biological Chem*. 2021 Jul;297(1):100770. PMID: 33989635.

Caution: This product is intended for laboratory and research use only. It is not for human or drug use.