

Mpro inhibitor N3 hemihydrate Biochemical | Mpro biochemical

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CATALOG #
AAA227390

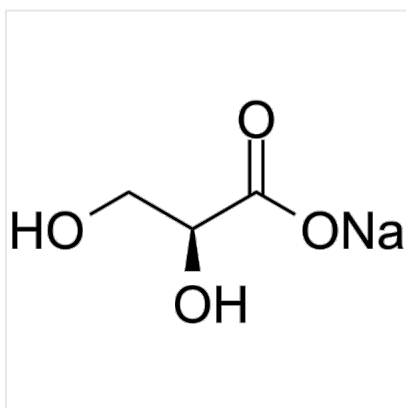
PRODUCT SYNONYMS

Mpro inhibitor N3 hemihydrate; Mpro biochemical

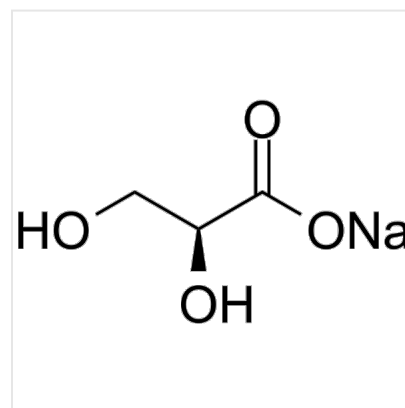
PRODUCT SPECIFICATIONS

Purity/Purification	98%
Solubility	<1mg/ml refers to the product slightly soluble or insoluble
In vitro	Mpro inhibitor N3 hemihydrate (0-0.64 uM) is able to penetrate cells to inhibit the replication of IBV viruses, probably at the beginning of infection in embryos[3].
Preparation and Storage	Powder: -20 degree C for 3 years In solvent: -80 degree C for 2 years

IMAGES



Structure
L-Glyceric acid sodium, CAS 146298-95-5



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ADDITIONAL INFORMATION

Related Product Information for Mpro biochemical	Mpro inhibitor N3 hemihydrate is a potent inhibitor of SARS-CoV-2 Mpro with an EC50 of 16.77 uM for SARS-CoV-2. Mpro inhibitor N3 hemihydrate specifically inhibits Mpro from multiple coronaviruses, including SARS-CoV and MERS-CoV. Mpro inhibitor N3 hemihydrate displays inhibition against HCoV-229E, FIPV, and MHV-A59 with individual IC50 of 4.0 uM, 8.8 uM, and 2.7 uM, respectively[1][2].
References	1. Mohamed S Rashed, et al. Chiral liquid chromatography tandem mass spectrometry in the determination of the configuration of glyceric acid in urine of patients with D-glyceric and L-glyceric acidurias. Biomed Chromatogr. 2002 May;16(3):191-8. 2. Bernd Hoppe, et al. A United States survey on diagnosis, treatment, and outcome of primary hyperoxaluria. Pediatr Nephrol. 2003 Oct;18(10):986-91.

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

