

IHVR-17028 biochemical

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CATALOG #
AAA227701

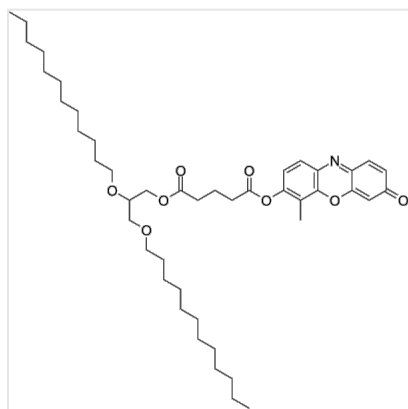
PRODUCT SYNONYMS

IHVR-17028; IHVR-17028 biochemical

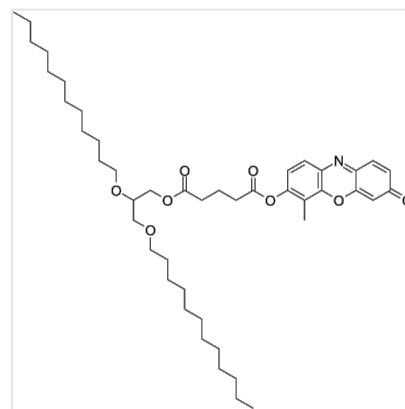
PRODUCT SPECIFICATIONS

Purity/Purification	98%
CAS	1428247-78-2
Solubility	<1mg/ml refers to the product slightly soluble or insoluble
In vitro	In Pharmacokinetic analysis in rats, IHVR17028 (oral gavage; 75 mg/kg) shows a C max value of 0.18 ug/ml; the T max value is 1.56 hours; and the F% value is 12% after PO administration, the T 1/2 value is 0.88 hour after iv. administration[1].IHVR-17028 (oral gavage; 25-50 mg/kg; treatment 1 day prior to virus challenging) exhibits significant protection in mouse model of lethal MARV infection[1]. Animal Model: BALB/c mice are challenged with 1,000 PFU mouse adapted MARV via IP injection[1]. Dosage: 50 mg/kg. Administration: Treatment 1 day prior to virus challenging. Result: Exhibited protection in mouse when the treatment is initiated 1 day prior to virus challenging. Animal Model: C57B1/6 mice challenged with 1,000 PFU mouse adapted EBOV[1]. Dosage: 25 mg/kg. Administration: Twice daily at 12 h interval; starting 4 h post infection for 10 days. Result: Inhibited EBOV infection in mice.
Preparation and Storage	Powder: -20 degree C for 3 years In solvent: -80 degree C for 2 years

IMAGES



Structure
Lipase Substrate, CAS 195833-46-6



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ADDITIONAL INFORMATION

Related Product Information for IHVR-17028 biochemical

IHVR-17028 is a potent and broad-spectrum antiviral agent. IHVR-17028 exhibits antiviral activity against BVDV, TCRV and DENV with EC 50 values of 0.4 uM, 0.26 uM, 0.3 uM, respectively. IHVR-17028 is a potent ER alpha-glucosidase I inhibitor with an IC 50 of 0.24 uM. IHVR-17028 can be used for infectious diseases research.

References

1. Magohei Yamada, et al. New procedure for the measurement of pancreatic lipase activity in human serum using a thioester substrate. Clin Chim Acta. 2007 Aug;383(1-2):85-90.

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.

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Online datasheet: <https://www.aaabiotech.com/biochemical/ihvr-17028/227701>