

HA-100 hydrochloride Biochemical | HA-100 biochemical

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CATALOG #
AAA227663

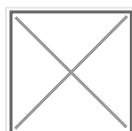
PRODUCT SYNONYMS

HA-100 hydrochloride; Remdesivir isopropyl ester analog; HA-100 biochemical

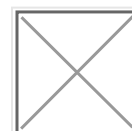
PRODUCT SPECIFICATIONS

Purity/Purification	98%
CAS	141543-63-7
Targets&IC50	PKG:4 uM (IC50), PKC:12 uM (IC50), PKA:8 uM (IC50), MLCK:240 uM (IC50)
Solubility	<1mg/ml refers to the product slightly soluble or insoluble
In vitro	HA-100 hydrochloride inhibits MLC-kinase and PKC competitively with respect to ATP, with K _i s of 61 and 6.5 uM, respectively[1].
Preparation and Storage	Powder: -20 degree C for 3 years In solvent: -80 degree C for 2 years

IMAGES



Structure
Anti-virus agent 1, CAS 1911578-83-0



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ADDITIONAL INFORMATION

Related Product Information for HA-100 biochemical	HA-100 hydrochloride is a potent protein kinase inhibitor, with IC ₅₀ s of 4 uM, 8 uM, 12 uM and 240 uM for cGMP-dependent protein kinase (PKG), cAMP-dependent protein kinase (PKA), protein kinase C (PKC) and MLC-kinase, respectively. HA-100 hydrochloride also used as a ROCK inhibitor.
References	1. Dustin Siegel, et al. Discovery and Synthesis of a Phosphoramidate Prodrug of a Pyrrolo[2,1-f][triazin-4-amino] Adenine C-Nucleoside (GS-5734) for the Treatment of Ebola and Emerging Viruses. J Med Chem. 2017 Mar 9;60(5):1648-1661. 2. Michael O' Neil Hanrahan Clarke, et al.Methods for treating arenaviridae and coronaviridae virus infections. US20170071964A1.

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.