

COVID 19 SARS-CoV-2-IN-11 Coronavirus Biochemical | COVID-19 biochemical

SARS-CoV-2-IN-11

CATALOG #
AAA228609

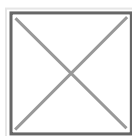
PRODUCT SYNONYMS

COVID 19 SARS-CoV-2-IN-11 Coronavirus; SARS-CoV-2-IN-11; 2019 Novel Coronavirus; Coronavirus; CoV; COVID-19 virus; HCoV-2; Human Coronavirus 2019; SARS2; SARS-CoV-2; Severe acute respiratory syndrome coronavirus 2; COVID-19 biochemical

PRODUCT SPECIFICATIONS

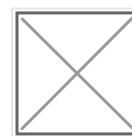
Purity/Purification	98%
CAS	2722635-28-9
Solubility	<1mg/ml refers to the product slightly soluble or insoluble
Preparation and Storage	Powder: -20 degree C for 3 years In solvent: -80 degree C for 2 years

IMAGES



Structure

1-Stearoyl-2-arachidonoyl-sn-glycerol, CAS 65914-84-3



Structure

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ADDITIONAL INFORMATION

Related Product Information for COVID-19 biochemical	SARS-CoV-2-IN-11 is a potent and nontoxic inhibitor of SARS-CoV-2 3CL protease (3CLpro) with an IC ₅₀ and EC ₅₀ of 0.17 and 1.45 nM, respectively. SARS-CoV-2 3C-like protease (3CLpro), an enzyme essential for viral replication, is an attractive target for intervention. SARS-CoV-2-IN-11 may lead to the emergence of effective SARS-CoV-2-specific antivirals.
References	- Song T, et, al. Inositol 1,4,5-trisphosphate activates TRPC3 channels to cause extracellular Ca²⁺ influx in airway smooth muscle cells. Am J Physiol Lung Cell Mol Physiol. 2015 Dec 15;309(12):L1455-66. - Madani S, et, al. Implication of acyl chain of diacylglycerols in activation of different isoforms of protein kinase C. FASEB J. 2001 Dec;15(14):2595-601. - Glasmacher S, et, al. Characterization of pepcan-23 as pro-peptide of RVD-hemopressin (pepcan-12) and stability of hemopressins in mice. Adv Biol Regul. 2021 May;80:100808.

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://stage.aaabiotech.com/covid-19-biochemical/covid-19-sars-cov-2-in-11-coronavirus/228609>