

Decanoyl-RVKR-CMK TFA Biochemical

Decanoyl-RVKR-CMK TFA

CATALOG #
AAA228108

PRODUCT SYNONYMS

Decanoyl-RVKR-CMK TFA; Decanoyl-RVKR-CMK TFA biochemical

PRODUCT SPECIFICATIONS

Purity/Purification	98%
CAS	2098497-25-5
Solubility	<1mg/ml refers to the product slightly soluble or insoluble
In vitro	Decanoyl-RVKR-CMK (DecRVKRcmk) TFA inhibits HIV-2 ROD replication by blocking envelope glycoprotein precursor processing in the Jurkat lymphocyte cell[1]. Decanoyl-RVKR-CMK (DecRVKRcmk) TFA blocks regulated secretion of VGF[2]. Cell Viability Assay[1]Cell Line: HeLaCD4 cells infected with recombinant vaccinia viruses at a multiplicity of infection (MOI) of 5 PFU/mL Concentration: 35 and 70 uu Incubation Time: 7 days. Result: Peptide at 35 uM significantly inhibited ex vivo HIV-1 and HIV-2 replications (70-80% inhibition).
Preparation and Storage	Powder: -20 degree C for 3 years In solvent: -80 degree C for 2 years

IMAGES



Structure
6'-GNTI dihydrochloride, CAS 2410327-94-3



Structure
6'-GNTI dihydrochloride, CAS 2410327-94-3

ADDITIONAL INFORMATION

Related Product Information for Decanoyl-RVKR-CMK TFA biochemical	Decanoyl-RVKR-CMK (DecRVKRcmk) TFA inhibits over-expressed gp160 processing and HIV-1 replication.
References	1. Schmid CL, et al. Functional selectivity of 6'-guanidinonaltrindole (6'-GNTI) at kappa-opioid receptors in striatal neurons. J Biol Chem. 2013;288(31):22387-22398.

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/biochemical/decanoyl-rvkr-cmk-tfa/228108>