

DEC-RVRK-CMK

Chemical Properties

CAS No. : 534615-50-4

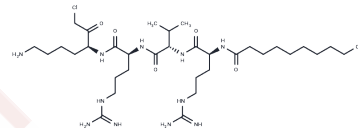
Formula: C34H66ClN11O5

Molecular Weight: 744.41

Keep away from moisture

Storage: Powder: -20°C for 3 years | In solvent: -80°C for 1 year

Actual storage temperature shall be subject to the COA.



Biological Description

| | |
|---------------|---|
| Description | Decanoyl-Arg-Val-Arg-Lys-chloromethylketone (DEC-RVRK-CMK) is a small, synthetic, irreversible cell-permeable competitive inhibitor of furin that exhibits strong antiviral activity against Zika virus (ZIKV) and Japanese encephalitis virus (JEV) [1]. |
| Targets(IC50) | Others |

Preparing Stock Solutions

| | 1mg | 5mg | 10mg |
|-------|-----------|-----------|------------|
| 1 mM | 1.3433 mL | 6.7167 mL | 13.4335 mL |
| 5 mM | 0.2687 mL | 1.3433 mL | 2.6867 mL |
| 10 mM | 0.1343 mL | 0.6717 mL | 1.3433 mL |
| 50 mM | 0.0269 mL | 0.1343 mL | 0.2687 mL |

Please select the appropriate solvent to prepare the stock solution, according to the solubility of the product in different solvents. Please use it as soon as possible.

Note: The dilution table applies only to solid products. For liquid products, please calculate the stock solution based on the stated concentration and/or density.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

This product is for Research Use Only · Not for Human or Veterinary or Therapeutic Use

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