

matrix protein (3-15) [Zaire ebolavirus]

Chemical Properties

CAS No. :

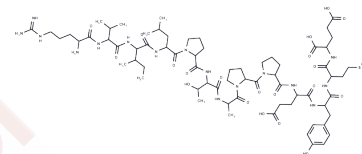
Formula: C69H110N16O20S

Molecular Weight: 1515.77

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	matrix protein (3-15) [Zaire ebolavirus] is a peptide of the structural proteins linking the viral envelope with the zaire ebolavirus core. Ebola virus (EBOV) is a member of the family Filoviridae in the order Mononegavirales. It is the causative agent of severe hemorrhagic fevers in human and non-human primates with high case fatality rates.
Targets(IC50)	Others
In vitro	A role for matrix proteins in the regulation of viral genome replication and transcription has been shown for a number of negative-strand RNA viruses. The recent study has shown that both matrix proteins of EBOV, VP40, and VP24, are able to inhibit both viral genome replication and transcription.

Solubility Information

Solubility	DMSO: ≥ 151.6 mg/mL, Sonication is recommended. (< 1 mg/ml refers to the product slightly soluble or insoluble)
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Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	0.6597 mL	3.2987 mL	6.5973 mL
5 mM	0.1319 mL	0.6597 mL	1.3195 mL
10 mM	0.066 mL	0.3299 mL	0.6597 mL
50 mM	0.0132 mL	0.066 mL	0.1319 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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