

hemagglutinin (332-340) [Influenza A virus]

Chemical Properties

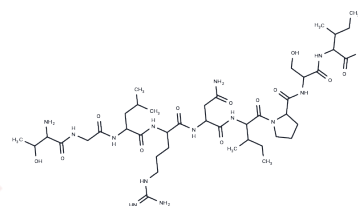
CAS No. :

Formula: C42H75N13O13

Molecular Weight: 970.12

Appearance: no data available

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



Biological Description

Description	Influenza hemagglutinin is a type of hemagglutinin found on the surface of the influenza viruses. It is an antigenic glycoprotein. It is responsible for binding the virus to the cell that is being infected. Influenza hemagglutinin proteins bind to cells with sialic acid on the membranes, such as cells in the upper respiratory tract or erythrocytes.
Targets(IC50)	Others
In vitro	Influenza hemagglutinin has two functions. Firstly, it allows the recognition of target vertebrate cells, accomplished through the binding to these cells' sialic acid-containing receptors. Secondly, once bound it facilitates the entry of the viral genome into the target cells by causing the fusion of the host endosomal membrane with the viral membrane. Since hemagglutinin is the major surface protein of the influenza A virus and is essential to the entry process, it is the primary target of neutralizing antibodies [1][2].

Solubility Information

Solubility	DMSO: ≥97mg/mL, (< 1 mg/ml refers to the product slightly soluble or insoluble)
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Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.0308 mL	5.154 mL	10.308 mL
5 mM	0.2062 mL	1.0308 mL	2.0616 mL
10 mM	0.1031 mL	0.5154 mL	1.0308 mL
50 mM	0.0206 mL	0.1031 mL	0.2062 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.

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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