

HBA(111-142)

Chemical Properties

CAS No. :

Formula: C157H247N41O45

Molecular Weight: 3428.89

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	HBA(111-142), a C-terminal 32-mer fragment of alpha-hemoglobin, exhibits antibacterial activity against the ESKAPE panel of pathogens, forms amyloid fibrils, and possesses antiviral activities, notably inhibiting the measles virus and herpes viruses (HSV-1, HSV-2, HCMV) [1].
Targets(IC50)	Antibacterial, HSV, Virus Protease

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	0.2916 mL	1.4582 mL	2.9164 mL
5 mM	0.0583 mL	0.2916 mL	0.5833 mL
10 mM	0.0292 mL	0.1458 mL	0.2916 mL
50 mM	0.0058 mL	0.0292 mL	0.0583 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

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