

HVEM(14-39)

Chemical Properties

CAS No. :

Formula: C115H182N32O40S4

Molecular Weight: 2781.13

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	HVEM(14-39) is a peptide inhibitor of the B and T lymphocyte attenuator (BTLA). It binds to BTLA with a dissociation constant (KD) of 0.102 μ M. By modulating BTLA and HVEM expression in T cells, HVEM(14-39) enhances activation and proliferation of T cells and promotes their transition to effector memory T cells. Additionally, HVEM(14-39) can inhibit tumor cell proliferation and induce late apoptosis (apoptosis). This compound has immunomodulatory effects, making it useful for tumor research.
Targets(IC50)	Apoptosis

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	0.3596 mL	1.7978 mL	3.5957 mL
5 mM	0.0719 mL	0.3596 mL	0.7191 mL
10 mM	0.036 mL	0.1798 mL	0.3596 mL
50 mM	0.0072 mL	0.036 mL	0.0719 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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