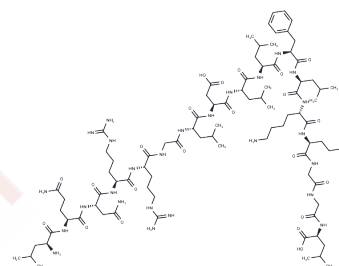


CKS-17

Chemical Properties

| | |
|-------------------|---|
| CAS No. : | 99273-04-8 |
| Formula: | C87H148N26O24 |
| Molecular Weight: | 1942.27 |
| Storage: | Keep away from moisture Powder: -20°C for 3 years In solvent: -80°C for 1 year <small>Actual storage temperature shall be subject to the COA.</small> |



Biological Description

| | |
|---------------|--|
| Description | CKS-17, a synthetic retroviral envelope peptide, embodies conserved amino acid sequences found in the transmembrane envelope proteins of various animal and human retroviruses. This immunomodulatory epitope exerts suppressive effects on a range of immune functions [1] [2] [3]. |
| Targets(IC50) | Reverse Transcriptase |
| In vitro | CKS-17 stimulates elevated intracellular cAMP levels in THP-1 cells by activating adenylate cyclase [1]. |
| In vivo | CKS-17, at a concentration of 10 μ M and administered intradermally, suppresses delayed-type hypersensitivity responses to sheep erythrocytes in the hind paws of B6AF1 and C57BL/6J mice [2]. |

Preparing Stock Solutions

| | 1mg | 5mg | 10mg |
|-------|-----------|-----------|-----------|
| 1 mM | 0.5149 mL | 2.5743 mL | 5.1486 mL |
| 5 mM | 0.103 mL | 0.5149 mL | 1.0297 mL |
| 10 mM | 0.0515 mL | 0.2574 mL | 0.5149 mL |
| 50 mM | 0.0103 mL | 0.0515 mL | 0.103 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

Tel:781-999-4286 E_mail:info@targetmol.com Address:34 Washington Street,Wellesley Hills,MA 02481