

Myelo peptide-2

Chemical Properties

CAS No. : 137833-31-9

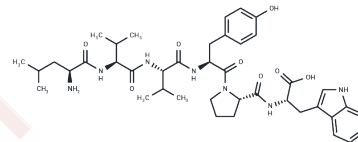
Formula: C₄₁H₅₇N₇O₈

Molecular Weight: 775.93

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	Myelo peptide-2, a peptide isolated from the supernatant of porcine bone marrow cell cultures, can restore the mitogenic reactivity of human T lymphocytes inhibited by HL-60 leukemia cells or measles virus conditions. It also enhances depressed interleukin-2 (IL-2) synthesis and interleukin-2 receptor (IL-2R) expression, playing a role in immunity homeostasis. This compound shows potential for application in antitumor and antivirus research [1] [2].
Targets(IC50)	Interleukin

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.2888 mL	6.4439 mL	12.8878 mL
5 mM	0.2578 mL	1.2888 mL	2.5776 mL
10 mM	0.1289 mL	0.6444 mL	1.2888 mL
50 mM	0.0258 mL	0.1289 mL	0.2578 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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