

## Interleukin II (60-70)

## Chemical Properties

CAS No. :

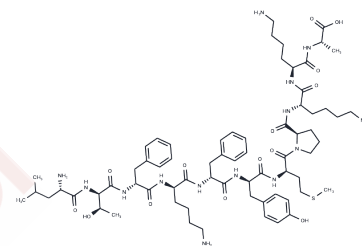
Formula: C<sub>68</sub>H<sub>104</sub>N<sub>14</sub>O<sub>14</sub>S<sub>1</sub>

Molecular Weight: 1373.7

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	Interleukin II (60-70) is a peptide with the sequence NH <sub>2</sub> -LEU-THR-PHE-LYS-PHE-TYR-MET-PRO-LYS-LYS-ALA-COOH, MW=1373.7. Interleukin 2 (IL-2) is a type of cytokine signaling molecule in the immune system, regulating the activities of white blood cells.
Targets(IC50)	Others,Interleukin
In vitro	IL-2 is necessary for the growth, proliferation, and differentiation of T cells to become 'effector' T cells. IL-2 is normally produced by T cells during an immune response. It is necessary for the development of T cell immunologic memory, which depends upon the expansion of the number and function of antigen-selected T cell clones.IL-2 is also necessary for the maturation of a subset of T cells, termed regulatory T cells, during T cell development in the thymus.

## Solubility Information

Solubility	DMSO: ≥137.3 mg/mL,Sonication is recommended. (< 1 mg/ml refers to the product slightly soluble or insoluble)
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## Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	0.728 mL	3.6398 mL	7.2796 mL
5 mM	0.1456 mL	0.728 mL	1.4559 mL
10 mM	0.0728 mL	0.364 mL	0.728 mL
50 mM	0.0146 mL	0.0728 mL	0.1456 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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