

β -Interleukin II (44-56)

Chemical Properties

CAS No. :

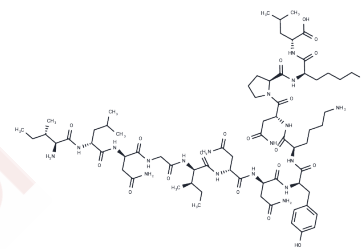
Formula: C₆₈H₁₁₃N₁₉O₁₉

Molecular Weight: 1500.74

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 | β -Interleukin II is a peptide with the sequence NH ₂ -ILE-LEU-ASN-GLY-ILE-ASN-ASN-TYR-LYS-ASN-PRO-LYS-LEU-COOH. |
| Targets(IC ₅₀) | Others, Interleukin |
| In vitro | Interleukin 2 (IL-2) belongs to the interleukin family, a type of cytokine signaling molecule in the immune system, and it is a protein that regulates the activities of the white blood cells responsible for immunity. Interleukin 2, a soluble hormone-like mediator of the immune system, was the first interleukin molecule to be identified and characterized. IL-2 is normally produced by T cells during an immune response and 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. |

Solubility Information

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| Solubility | DMSO: \geq 150 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 | 0.6663 mL | 3.3317 mL | 6.6634 mL |
| 5 mM | 0.1333 mL | 0.6663 mL | 1.3327 mL |
| 10 mM | 0.0666 mL | 0.3332 mL | 0.6663 mL |
| 50 mM | 0.0133 mL | 0.0666 mL | 0.1333 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

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