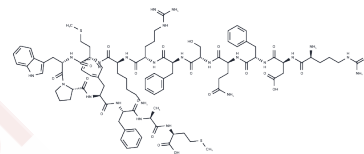


## Peptide P60

## Chemical Properties

CAS No. :	1319725-20-6
Formula:	C95H132N24O20S2
Molecular Weight:	1994.34
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	Peptide P60 acts as a FOXP3 inhibitor. This compound can penetrate cells to hinder FOXP3's nuclear translocation and diminish its ability to suppress transcription factors NF-κB and NFAT. Peptide P60 also suppresses the immunosuppressive activity of regulatory T cells (Treg) derived from mice and humans, while enhancing effector T cell stimulation in vitro. Moreover, Peptide P60 can induce a lymphoproliferative autoimmune syndrome, displaying pathological characteristics similar to those observed in scurfy mice lacking functional Foxp3. Additionally, Peptide P60 has the potential to boost the immunogenicity of cancer and viral vaccines.
Targets(IC50)	NF-κB

## Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	0.5014 mL	2.5071 mL	5.0142 mL
5 mM	0.1003 mL	0.5014 mL	1.0028 mL
10 mM	0.0501 mL	0.2507 mL	0.5014 mL
50 mM	0.010 mL	0.0501 mL	0.1003 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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