

## Acetyl-Exenatide

## Chemical Properties

CAS No. :	305815-28-5
Formula:	C186H284N50O61S
Molecular Weight:	4228.61
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	Acetyl-Exenatide, an acetylated derivative of Exenatide, mirrors insulin's functionality and is utilized in type 2 diabetes research. It promotes Th17 differentiation, inhibits Tregs differentiation, and downregulates PI3K/Akt/FoxO1 phosphorylation [1].
Targets(IC50)	Akt,PI3K

## Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	0.2365 mL	1.1824 mL	2.3648 mL
5 mM	0.0473 mL	0.2365 mL	0.473 mL
10 mM	0.0236 mL	0.1182 mL	0.2365 mL
50 mM	0.0047 mL	0.0236 mL	0.0473 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.

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