

## Palmitoyl Alkyne-Coenzyme A

## Chemical Properties

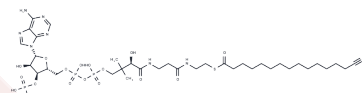
CAS No. : 1941173-52-9

Formula: C37H62N7O17P3S

Molecular Weight: 1001.91

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	Palmitoyl alkyne-coenzyme A (palmitoyl alkyne-CoA), a thioester formed from $\omega$ -alkynylated palmitic acid and CoA, serves as a chemical reporter for the labeling of palmitoylated proteins through click chemistry. This process utilizes probes such as biotin-azide or 3-azido-7-hydroxycoumarin for both in vitro and in vivo studies.
Targets(IC50)	Others

## Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	0.9981 mL	4.9905 mL	9.9809 mL
5 mM	0.1996 mL	0.9981 mL	1.9962 mL
10 mM	0.0998 mL	0.499 mL	0.9981 mL
50 mM	0.020 mL	0.0998 mL	0.1996 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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