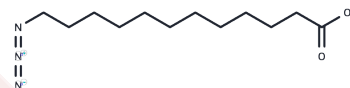


Azido Myristic Acid

Chemical Properties

CAS No. :	80667-36-3
Formula:	C ₁₂ H ₂₃ N ₃ O ₂
Molecular Weight:	241.33
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	Azido Myristic Acid, a click chemistry reagent with an azide group, serves to identify and characterize post-translationally myristylated proteins through a straightforward and robust two-step labeling and detection technique [1].
Targets(IC50)	ADC Linker
In vitro	Azido Myristic Acid may serve as an appropriate substrate for enzymes. The diminutive size of the azide group, coupled with its non-occurrence in natural molecules, means that its presence alters the biodistribution of azido palmitic acid when compared to natural palmitic acid, rendering it a suitable enzyme substrate.

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	4.1437 mL	20.7185 mL	41.437 mL
5 mM	0.8287 mL	4.1437 mL	8.2874 mL
10 mM	0.4144 mL	2.0719 mL	4.1437 mL
50 mM	0.0829 mL	0.4144 mL	0.8287 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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