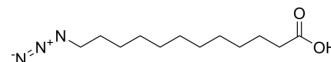


Azido Myristic Acid

Cat. No.:	HY-151855		
CAS No.:	80667-36-3		
Molecular Formula:	C ₁₂ H ₂₃ N ₃ O ₂		
Molecular Weight:	241.33		
Target:	ADC Linker		
Pathway:	Antibody-drug Conjugate/ADC Related		
Storage:	Pure form	-20°C	3 years
		4°C	2 years
	In solvent	-80°C	6 months
		-20°C	1 month



BIOLOGICAL ACTIVITY

Description

Azido Myristic Acid is a click chemistry reagent containing an azide group. Azido Myristic Acid can be used to identify and characterize post-translationally myristylated proteins with using a simple and robust two-step labeling and detection technique^[1].

In Vitro

Azido Myristic Acid could be a suitable substrate for enzymes. Due to the very small size of the azide group and its complete absence in any natural molecules the presence of azide group does affect the biodistribution of azido palmitic acid in comparison to the natural palmitic acid making it a suitable substrate for enzymes.
MCE has not independently confirmed the accuracy of these methods. They are for reference only.

REFERENCES

[1]. Jiang X, et al. Recent applications of click chemistry in drug discovery. Expert Opin Drug Discov. 2019 Aug;14(8):779-789.

Caution: Product has not been fully validated for medical applications. For research use only.

Tel: 609-228-6898

Fax: 609-228-5909

E-mail: tech@MedChemExpress.com

Address: 1 Deer Park Dr, Suite Q, Monmouth Junction, NJ 08852, USA