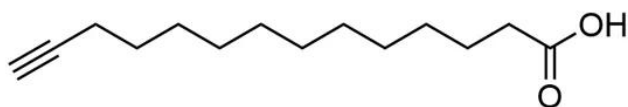




ALKYNYL MYRISTIC ACID

SKU: CCT-1164



DESCRIPTION

Alkynyl myristic acid is can be used to identify and characterize the post-translational myristylated proteins using a simple and robust two-step labeling and detection technique. Due to the very small size of the alkyne group and its complete absence in any natural molecules the presence of the alkyne group does not affect the biodistribution of alkynyl myristic acid in comparison to the natural palmitic acid making it a suitable substrate for enzymes.

SPECIFICATIONS

CAS Number	82909-47-5
Molecular Weight	244.32
Appearance	White crystalline
Chemical Formula	C ₁₄ H ₂₄ O ₂
Purity	>95% (H NMR)
Unit Size	5 mg, 25 mg, 100 mg
Solubility	DMSO, DMF, DCM, THF, Chloroform
Storage Instructions	-20°C.
Shipping Conditions	Ambient temperature
Shipping Instructions	Ambient temperature

For research use only. Not intended for therapeutic or diagnostic use in animals or humans.



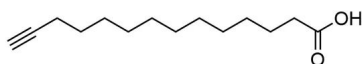
SELECTED REFERENCES

1. Gray, R. A. V., *et al.* (2021). Optimized Incorporation of Alkynyl Fatty Acid Analogs for the Detection of Fatty Acylated Proteins using Click Chemistry. *JoVE Journal*, **10 (3791)**, 62107. [[JoVE Journal](#)]

DOCUMENTS

- [Safety Data Sheet](#)
- [Datasheet](#)

GALLERY IMAGES



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