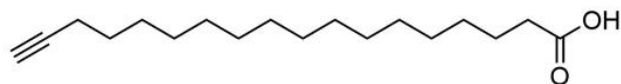


ALKYNYL STEARIC ACID

SKU: CCT-1166



Description

Alkynyl stearic acid can be used to identify and characterize the post-translational acylation of proteins using the powerful click chemistry, 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 alkyne group does not affect the biodistribution of alkyne palmitic acid in comparison to the natural palmitic acid making it a suitable substrate for enzymes.

Specifications

Unit Size	5 mg, 25 mg, 100 mg
Molecular weight	280.45
Chemical composition	C18H32O2
CAS	34450-18-5
Solubility	DMSO, DMF, DCM, THF, Chloroform
Purity	>95% (H NMR)
Appearance	White crystalline
Storage Conditions	-20°C.
Shipping Conditions	Ambient temperature

For research use only. Not intended for animal or human therapeutic or diagnostic use.