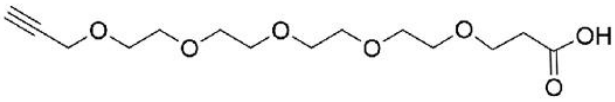
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ALKYNE-PEG4-ACID

SKU: CCT-TA102



DESCRIPTION

Alkyne-PEG4-Acid is a polyethylene glycol-containing reagent with a terminal carboxylic acid (–COOH) that can be reacted with primary amine groups in the presence of activators (e.g. EDC, or DCC) forming a stable amide bond. The terminal alkyne group reacts with azides by a mechanism known as the Cu-catalyzed click reaction enabling efficient and specific conjugation of derivatized molecules in biological samples.

SPECIFICATIONS

CAS Number	1245823-51-1
Molecular Weight	304.34
Appearance	Colorless to slightly yellow oil
Chemical Formula	C14H24O7
Purity	>95% (HPLC)
Unit Size	100 mg, 1000 mg
Solubility	DMSO, DMF, DCM, THF, Chloroform
Storage Instructions	-20°C. Desiccate
Shipping Conditions	Ambient temperature
Shipping Instructions	Ambient temperature

SELECTED REFERENCES

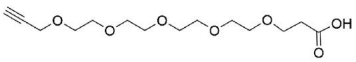
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1. Graham, A. J., *et al.* (2022). Extracellular Electron Transfer Enables Cellular Control of Cu(I)-Catalyzed Alkyne-Azide Cycloaddition. *ACS Cent Sci.*, **8 (2)**, 246-257. [PubMed]

DOCUMENTS

- Safety Data Sheet
- Datasheet

GALLERY IMAGES



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