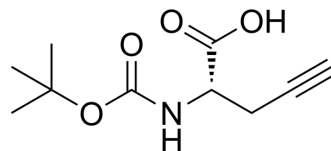


(S)-2-((tert-Butoxycarbonyl)amino)pent-4-ynoic acid

Cat. No.:	HY-W014259		
CAS No.:	63039-48-5		
Molecular Formula:	C ₁₀ H ₁₅ NO ₄		
Molecular Weight:	213.23		
Target:	Amino Acid Derivatives		
Pathway:	Others		
Storage:	Powder	-20°C	3 years
	In solvent	-80°C	6 months
		-20°C	1 month



BIOLOGICAL ACTIVITY

Description

(S)-2-((tert-Butoxycarbonyl)amino)pent-4-ynoic acid is a [Glycine](#) (HY-Y0966) derivative^[1]. (S)-2-((tert-Butoxycarbonyl)amino)pent-4-ynoic acid is a click chemistry reagent, it contains an Alkyne group and can undergo copper-catalyzed azide-alkyne cycloaddition (CuAAC) with molecules containing Azide groups.

In Vitro

Amino acids and amino acid derivatives have been commercially used as ergogenic supplements. They influence the secretion of anabolic hormones, supply of fuel during exercise, mental performance during stress related tasks and prevent exercise induced muscle damage. They are recognized to be beneficial as ergogenic dietary substances^[1]. MCE has not independently confirmed the accuracy of these methods. They are for reference only.

REFERENCES

[1]. Luckose F, et al. Effects of amino acid derivatives on physical, mental, and physiological activities. Crit Rev Food Sci Nutr. 2015;55(13):1793-1144.

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

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