



SZABO SCANDIC

Part of Europa Biosite

Produktinformation



Forschungsprodukte & Biochemikalien



Zellkultur & Verbrauchsmaterial



Diagnostik & molekulare Diagnostik



Laborgeräte & Service

Weitere Information auf den folgenden Seiten!
See the following pages for more information!



Lieferung & Zahlungsart

siehe unsere [Liefer- und Versandbedingungen](#)

Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

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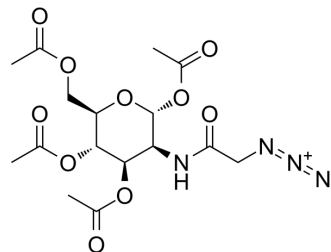
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Ac4ManNAz

Cat. No.:	HY-W728531		
CAS No.:	1213701-11-1		
Molecular Formula:	C ₁₆ H ₂₂ N ₄ O ₁₀		
Molecular Weight:	430.37		
Target:	Biochemical Assay Reagents		
Pathway:	Others		
Storage:	Powder	-20°C	3 years
	In solvent	-80°C	6 months
		-20°C	1 month



SOLVENT & SOLUBILITY

In Vitro

DMSO : 100 mg/mL (232.36 mM; Need ultrasonic)

Concentration	Mass		
	1 mg	5 mg	10 mg
1 mM	2.3236 mL	11.6179 mL	23.2358 mL
5 mM	0.4647 mL	2.3236 mL	4.6472 mL
10 mM	0.2324 mL	1.1618 mL	2.3236 mL

Please refer to the solubility information to select the appropriate solvent.

BIOLOGICAL ACTIVITY

Description

Ac4ManNAz can be taken up by cells and is an azide-containing metabolic glycoprotein labeling reagent that selectively modifies proteins. Commonly used for cell labeling, tracking and proteomic analysis. Ac4ManNAz contains an Azide group and can undergo copper-catalyzed azide-alkyne cycloaddition reaction (CuAAC) with molecules containing Alkyne groups. Ac4ManNAz can also undergo strain-promoted alkyne-azide cycloaddition (SPAAC) with molecules containing DBCO or BCN groups.

REFERENCES

[1]. Spiciarich DR, et, al. Bioorthogonal Labeling of Human Prostate Cancer Tissue Slice Cultures for Glycoproteomics. Angew Chem Int Ed Engl. 2017 Jul 24;56(31):8992-8997.

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

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