



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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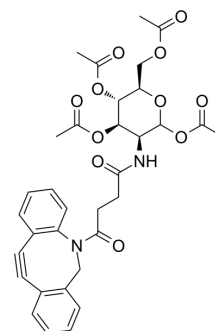
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DBCO-Tetraacetyl mannosamine

Cat. No.:	HY-W588717		
Molecular Formula:	C ₃₃ H ₃₄ N ₂ O ₁₁		
Molecular Weight:	634.63		
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 : 175 mg/mL (275.75 mM; Need ultrasonic)

	Solvent Concentration	Mass	1 mg	5 mg	10 mg
Preparing Stock Solutions	1 mM		1.5757 mL	7.8786 mL	15.7572 mL
	5 mM		0.3151 mL	1.5757 mL	3.1514 mL
	10 mM		0.1576 mL	0.7879 mL	1.5757 mL

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

BIOLOGICAL ACTIVITY

Description

DBCO-Tetraacetyl mannosamine is an organic compound commonly used for chemical alteration and modification in biological research. It can be used to modify glycoproteins, cell surface molecules, and other biomolecules, and is widely used in biomarking and purification techniques. In addition, this compound is used as a carrier for drugs in certain drug controlled release systems. DBCO-Tetraacetyl mannosamine is a click chemistry reagent, it contains a DBCO group that can undergo strain-promoted alkyne-azide cycloaddition (SPAAC) with molecules containing Azide groups.

In Vitro

DBCO-Tetraacetyl mannosamine is a biochemical reagent that can be used as a biological material or organic compound for life science related research.

MCE has not independently confirmed the accuracy of these methods. They are for reference only.

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

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