

## DBCO-Tetraacetyl mannosamine

### Chemical Properties

CAS No. :

Formula:

Molecular Weight:

Storage: Powder: -20°C for 3 years | In solvent: -80°C for 1 year

Actual storage temperature shall be subject to the COA.

### Biological Description

#### Description

DBCO-Tetraacetyl mannosamine is an organic compound often employed in biological research for chemical alteration and modification. It is used to modify glycoproteins, cell surface molecules, and other biomolecules, with widespread applications in biolabeling and purification techniques. Additionally, this compound serves as a drug carrier in certain controlled-release drug delivery systems. DBCO-Tetraacetyl mannosamine functions as a click chemistry reagent, containing a DBCO group capable of undergoing strain-promoted alkyne-azide cycloaddition (SPAAC) with azide-containing molecules.

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