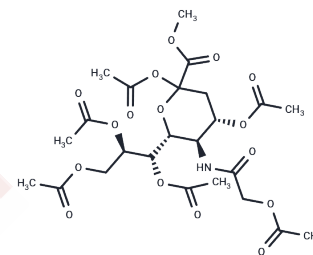


## 2,4,7,8,9-Pentaacetyl-D-N-acetylglucosylneuraminic acid methyl ester

### Chemical Properties

CAS No. : 118865-38-6  
 Formula: C<sub>24</sub>H<sub>33</sub>N<sub>2</sub>O<sub>16</sub>  
 Molecular Weight: 591.52  
 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	2,4,7,8,9-Pentaacetyl-D-N-acetylglucosylneuraminic acid methyl ester is a biochemical reagent used in glycobiology research. Glycobiology explores the structure, synthesis, biological roles, and evolution of sugars, incorporating carbohydrate chemistry, glycan biosynthesis and degradation enzymology, protein-glycan interactions, and the function of glycans in biological systems. This field is closely linked to fundamental research, biomedicine, and biotechnology.
Targets(IC50)	Others

### Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.6906 mL	8.4528 mL	16.9056 mL
5 mM	0.3381 mL	1.6906 mL	3.3811 mL
10 mM	0.1691 mL	0.8453 mL	1.6906 mL
50 mM	0.0338 mL	0.1691 mL	0.3381 mL

Please select the appropriate solvent to prepare the stock solution, according to the solubility of the product in different solvents. Please use it as soon as possible.

Note: The dilution table applies only to solid products. For liquid products, please calculate the stock solution based on the stated concentration and/or density.

**Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins**

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