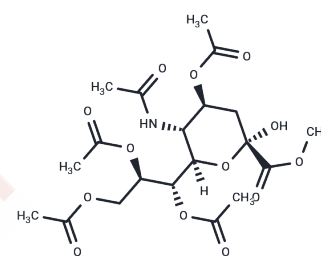


## 4,7,8,9-Tetra-O-acetyl-N-acetylneuraminic acid methyl ester

### Chemical Properties

CAS No. :	84380-10-9
Formula:	C <sub>20</sub> H <sub>29</sub> N <sub>1</sub> O <sub>13</sub>
Molecular Weight:	491.44
Storage:	Powder: -20°C for 3 years   In solvent: -80°C for 1 year <small>Actual storage temperature shall be subject to the COA.</small>



### Biological Description

Description	4,7,8,9-Tetra-O-acetyl-N-acetylneuraminic acid methyl ester is a biochemical reagent utilized in glycobiology research. Glycobiology examines sugar structures, synthesis, biology, and evolution, encompassing carbohydrate chemistry, glycan formation and degradation enzymology, protein-glycan recognition, and the roles 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	2.0348 mL	10.1742 mL	20.3484 mL
5 mM	0.407 mL	2.0348 mL	4.0697 mL
10 mM	0.2035 mL	1.0174 mL	2.0348 mL
50 mM	0.0407 mL	0.2035 mL	0.407 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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