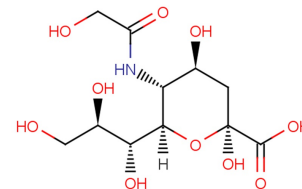


## N-Glycolylneuraminic acid

## Chemical Properties

CAS No.:	1113-83-3
Formula:	C <sub>11</sub> H <sub>19</sub> NO <sub>10</sub>
Molecular Weight:	325.27
Appearance:	N/A
Storage:	0-4°C for short term (days to weeks), or -20°C for long term (months).



## Biological Description

Description	N-Glycolylneuraminic acid is a nonhuman sialic acid molecule synthesized in pigs .
Targets(IC <sub>50</sub> )	Others: None

## Solubility Information

Solubility	< 1 mg/ml refers to the product slightly soluble or insoluble
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## Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	3.074 mL	15.372 mL	30.744 mL
5 mM	0.615 mL	3.074 mL	6.149 mL
10 mM	0.307 mL	1.537 mL	3.074 mL
50 mM	0.061 mL	0.307 mL	0.615 mL

Please select the appropriate solvent to prepare the stock solution, according to the solubility of the product in different solvents. The storage conditions and period of the stock solution: - 80 °C for 6 months; - 20 °C for 1 month. Please use it as soon as possible.

## Reference

1. Takahashi T, et al. N-glycolylneuraminic acid on human epithelial cells prevents entry of influenza A viruses that possess N-glycolylneuraminic acid binding ability. J Virol. 2014 Aug;88(15):8445-56.

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