Data Sheet (Cat.No.T73753)



Neuraminic acid

Chemical Properties

CAS No.: 114-04-5

Formula: C9H17NO8

Molecular Weight: 267.23

Appearance: no data available

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

Biological Description

Description	Neuraminic acid, an acidic amino sugar characterized by a nine-carbon atom backbone, can be understood as the aldol-condensation product of pyruvic acid and D-		
	mannosamine (2-amino-2-deoxy-mannose). It serves as a functional group in various		
	biologically active mucoproteins [1].		

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	3.7421 mL	18.7105 mL	37.4209 mL
5 mM	0.7484 mL	3.7421 mL	7.4842 mL
10 mM	0.3742 mL	1.871 mL	3.7421 mL
50 mM	0.0748 mL	0.3742 mL	0.7484 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.

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