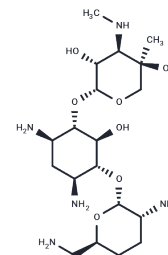


## Gentamicin C1a

## Chemical Properties

CAS No. :	26098-04-4
Formula:	C <sub>19</sub> H <sub>39</sub> N <sub>5</sub> O <sub>7</sub>
Molecular Weight:	449.54
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	Gentamicin C1a, acting as the major component of the Gentamicin complex [1] [2], serves as the precursor to the semi-synthetic antibiotic Etimicin and exhibits antibacterial activity.
Targets(IC50)	Others,Antibacterial,Antibiotic

## Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.2245 mL	11.1225 mL	22.245 mL
5 mM	0.4449 mL	2.2245 mL	4.449 mL
10 mM	0.2224 mL	1.1122 mL	2.2245 mL
50 mM	0.0445 mL	0.2224 mL	0.4449 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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