

## 3'-O-Me-m7G(5')ppp(5')A solution (100mM)

## Chemical Properties

CAS No. :

Formula: C22H37N12O17P3

Molecular Weight: 834.52

Keep away from moisture

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	3'-O-Me-m7G(5')ppp(5')A (ARCAcap) solution (100mM) is an anti-reverse cap analog (ARCA) with a unique RNA cap structure. This RNA cap structure is a common feature of mRNA in certain RNA viruses and eukaryotes, serving as a signal for the initiation of translation.
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## Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.1983 mL	5.9915 mL	11.9829 mL
5 mM	0.2397 mL	1.1983 mL	2.3966 mL
10 mM	0.1198 mL	0.5991 mL	1.1983 mL
50 mM	0.024 mL	0.1198 mL	0.2397 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.

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