Head: Inzhenernaya st., 28, Novosibirsk, Russia, 630090 Tel/Fax: +7(383)363-51-91, Tel: +7(383)363-22-40

E-mail: sales@biosan-nsk.ru

## **Product Information**

Product name: analogue of cap m6AG.

Cat. number: M6AG-0050, M6AG -0500, M6AG -1000.

m7(3'OMeG)(5')ppp('5)m6(2'OMeA)pG

Molecular formula (acid):  $C_{34}H_{47}N_{15}O_{24}P_{4.}$ Molecular weight (acid): 1173,718 g/mol.

## **Description:**

The product is a sterile solution of 100 mM analogue of cap m6AG as ammonium salt in water. It has been tested for the presence of endo- and exonuclease activity and is free of DNase and RNase contaminants. Functional activity was confirmed *in vitro* in a transcription reaction. The purity of the product according to HPLC is at least 96%.

**Applications:** synthesis of specific mRNA sequences for various purposes, such as studying gene expression and obtaining RNA for functional or structural studies.

FOR RESEARCH USE ONLY.

## **Product composition:**

Каталожный номер	Название	Состав	Количество
M6AG-0050	Analogue of cap m6AG	100 mM analogue of cap m6AG ammonium salt in water	50 μl
M6AG-0500			500 μΙ
M6AG-1000			1000 μΙ

## Storage and transportation conditions:

Long term storage at -20°C. It is transported in a frozen form, the solution may be defrosted and transported at ambient temperature.

Shelf life: 12 months.