



BIOSAN

BIOSAN LLC

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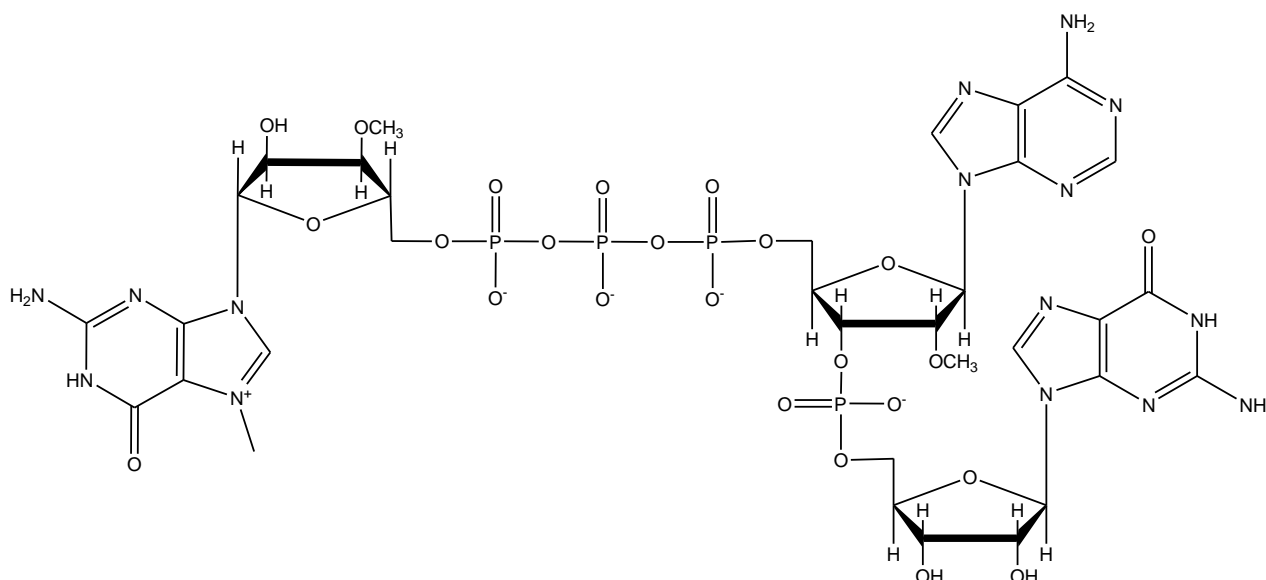
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Product Information

Product name: analogue of cap m7GmAmG.

Cat. number: AGME-0050, AGME-1000.



(3'-OMe-m7G)(5')ppp(5')(2'-OMeA)pG, m7G(3'OMe)pppA(2'OMe)pG

Molecular formula (acid): $C_{33}H_{45}N_{15}O_{24}P_4$.

Molecular weight (acid): 1159,69 g/mol.

Description:

The product is a sterile solution of 100 mM analogue of cap m7GmAmG 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:

Catalog number	Product name	Composition	Quantity
AGME-0050	Analogue of cap m7GmAmG	100 mM analogue of cap m7GmAmG ammonium salt in water	50 μ l
AGME-0500			500 μ l
AGME-1000			1000 μ l

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.