



BIOSAN

BIOSAN LLC

Head: Inzhenernaya st., 28, Novosibirsk, Russia, 630090

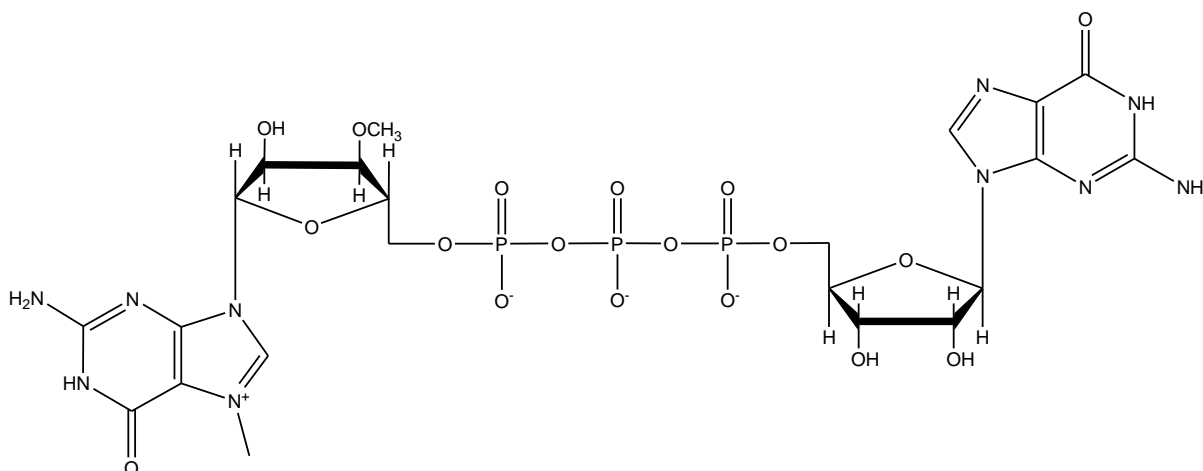
Tel/Fax: +7(383)363-51-91, Tel: +7(383)363-22-40

E-mail: sales@biosan-nsk.ru

Product Information

Product name: analogue of the ARCA cap structure

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



m^{2',3'-O}G(5')ppp(5')G,
3'-O-Me-m⁷G(5')ppp(5')G

Molecular formula (acid): C₂₂H₃₁N₁₀O₁₈P₃.

Molecular weight (acid): 816,46 g/mol.

Description:

The product is a sterile solution of 100 mM analogue of the ARCA cap structure 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
ARCA-0050	Analogue of the ARCA cap structure	100 mM ARCA ammonium salt in water	50 µl
ARCA-0500			500 µl
ARCA-1000			1000 µl

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.