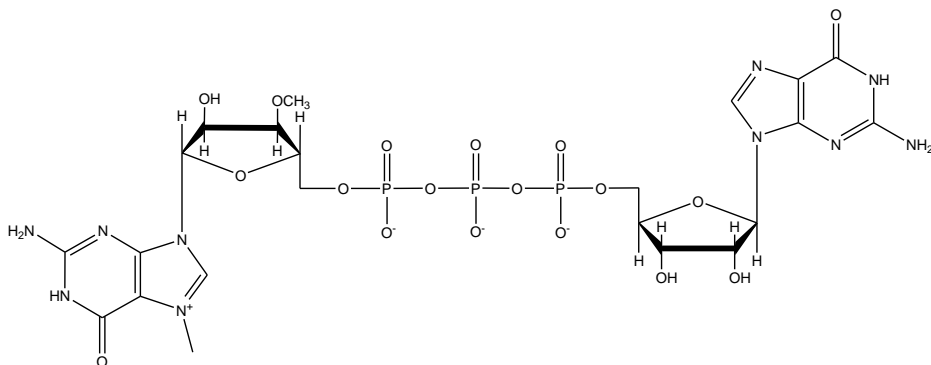


An analogue of the ARCA cap structure

Catalog number: AGME-0050, AGME-1000



$m^{2,7,3-O}G(5')ppp(5')G$,
 $3'-O-Me-m7G(5')ppp(5')G$

Molecular formula (acid): $C_{22}H_{31}N_{10}O_{18}P_3$.

Molecular weight (acid): 816.46 g/mol.

Description:

The product is a sterile 100 mM solution of an analogue of the ARCA cap structure as ammonium salt in water. The nucleotide has not less than 96% purity confirmed by HPLC, is tested for the presence of endo- and exonuclease activity and free of trace contaminating DNase and RNase, functionally tested *in vitro* in the transcription reaction.

FOR RESEARCH USE ONLY.

Packing size

Cat. number	Product name	Composition	Quantity
ARCA-0050	An analogue of the ARCA cap structure	100 mM ARCA ammonium salt in water	50 μ l
ARCA-1000	An analogue of the ARCA cap structure	100 mM ARCA ammonium salt in water	1000 μ l

Storage and transportation conditions:

Long term storage at $-20^{\circ}C$. It is transported in a frozen form, the solution may be defrosted and transported at ambient temperature.

Shelf life: 12 months.