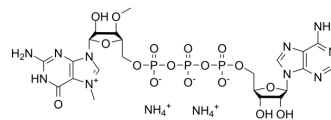


3'-O-Me-m7G(5')ppp(5')G

| | |
|--------------------|---|
| Cat. No.: | HY-153108 |
| Molecular Formula: | C ₂₂ H ₃₇ N ₁₂ O ₁₇ P ₃ |
| Molecular Weight: | 834.52 |
| Target: | Others |
| Pathway: | Others |
| Storage: | Please store the product under the recommended conditions in the Certificate of Analysis. |



BIOLOGICAL ACTIVITY

Description

3'-O-Me-m7G(5')ppp(5')G (ARCA cap), anti-reverse cap analog, has a special RNA cap structure. Is a common feature of the mRNA of some RNA viruses and eukaryotes. RNA cap structures serve as signals for translation initiation^[1].

REFERENCES

[1]. Hadas Y, et al. Optimizing Modified mRNA In Vitro Synthesis Protocol for Heart Gene Therapy. Mol Ther Methods Clin Dev. 2019 Jul 30;14:300-305.

Caution: Product has not been fully validated for medical applications. For research use only.

Tel: 609-228-6898

Fax: 609-228-5909

E-mail: tech@MedChemExpress.com

Address: 1 Deer Park Dr, Suite Q, Monmouth Junction, NJ 08852, USA