



## 3-OMe AG(cap1) [100mM]

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Cap analogs can be used to initiate transcription, which eliminates the need for an additional enzymatic capping step. Capped mRNA molecules are translated more efficiently in in-vitro translation systems than uncapped mRNAs.

3-Ome AG(cap1) is a co-transcriptional capping reagent for in vitro transcription of 5' capped mRNA resulting in a Cap 1 structure.

CAS No.: 1093268-63-3

Mol. Formula: C<sub>33</sub>H<sub>45</sub>N<sub>15</sub>O<sub>24</sub>P<sub>4</sub> (free acid)

Mol. Weight: 1159.69 (free acid)

Purity: >95% (HPLC); >90% (31P NMR)

This product is produced by GMP process requirements while using Animal Origin Free (AOF) production process and raw materials (TSE & BSE).

Synonyms: (3'-OMe-m7G)(5')ppp(5')(2'-OMeA)pG·NH<sub>4</sub>; 3-OMe-m7G5ppp52-OMeApG-NH<sub>4</sub>; m7(3'OMeG)(5')ppp(5')(2'OMeA)pG

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| Catalog No.      | 56140032          |
| Size             | 1mL / 5mL         |
| Product Category | mRNA Raw Material |