



3-OMe AG(cap1) [100mM]

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: C₃₃H₄₅N₁₅O₂₄P₄ (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·NH₄; 3-OMe-m⁷G5ppp52-OMeApG-NH₄; m⁷(3'OMeG)(5')ppp(5')(2'OMeA)pG

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