



3-OH 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-OH AG(cap1) is used to form a Cap 1 structure by capping the 5' end of the mRNA during in vitro transcription.

CAS No.: 62858-30-4

Mol. Formula: C₃₂H₄₃N₁₅O₂₄P₄ (free acid)

Mol. Weight: 1145.66 (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: m7GpppAmpG

Catalog No.	56140031
Size	1mL / 5mL
Product Category	mRNA Raw Material