



GpppG [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.

GpppG (Diguanosine 5'-triphosphate) is a unmethylated cap analog used for in-vitro RNA transcription to improve RNA stability and significantly enhance translation.

CAS No.: 6674-45-9

Mol. Formula: C₂₀H₂₇N₁₀O₁₈P₃

Mol. Weight: 788.41

Purity: >95% (HPLC); >98% (31P NMR)

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

Synonyms: GP3G; G(5')ppp(5')G; Guanosine 5'-triphosphate-5'-guanosine; CAP

Catalog No.	56150002
Size	1mL / 5mL
Product Category	mRNA Raw Material