

Product Data Sheet

Product Name: m7(3'OMeG)(5')ppp(5')m6(2'OMeA)pG tetraammonium solution (100 mM)

Cat. No.: GC81398

Chemical Properties

Cas. No.

Formula C₃₄H₅₉N₁₉O₂₄P₄

M.Wt 1241.84

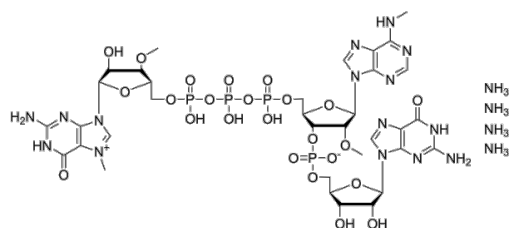
Solubility

Storage Store at -20°C

General tips For obtaining a higher solubility, please warm the tube at 37 °C and shake it in the ultrasonic bath for a while. Stock solution can be stored below -20°C for several months.

Shipping Condition Evaluation sample solution : ship with blue ice All other available size: ship with RT, or blue ice upon request.

Structure



Background

m7(3'OMeG)(5')ppp(5')m6(2'OMeA)pG tetraammonium solution (100 mM) is a cap analog that can be used for in vitro transcription of mRNA.

In Vitro, m7(3'OMeG)(5')ppp(5')m6(2'OMeA)pG trisodium is a key capping reagent for in vitro mRNA synthesis, which enhances mRNA stability and translation efficiency.

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

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