

m7GTP

Chemical Properties

CAS No. : 26554-26-7
Formula: C₁₁H₁₈N₅O₁₄P₃
Molecular Weight: 537.21
Storage: Powder: -20°C for 3 years | In solvent: -80°C for 1 year
Actual storage temperature shall be subject to the COA.

Biological Description

Description	7-Methyl-guanosine-5'-triphosphate (m7GTP) is a type of guanosine 5'-phosphate. Its thio-phosphate ester analogue acts as a potent inhibitor of cap-dependent translation.
Targets(IC50)	Nucleoside Antimetabolite/Analog

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.8615 mL	9.3073 mL	18.6147 mL
5 mM	0.3723 mL	1.8615 mL	3.7229 mL
10 mM	0.1861 mL	0.9307 mL	1.8615 mL
50 mM	0.0372 mL	0.1861 mL	0.3723 mL

Please select the appropriate solvent to prepare the stock solution, according to the solubility of the product in different solvents. Please use it as soon as possible.

Note: The dilution table applies only to solid products. For liquid products, please calculate the stock solution based on the stated concentration and/or density.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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