

5-Methylcytidine 5'-triphosphate trisodium

Chemical Properties

CAS No. :

Formula: C10H15N3Na3O14P3

Molecular Weight: 563.13

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	5-Methylcytidine 5'-triphosphate trisodium (5-Methyl-CTP trisodium), a modified nucleoside triphosphate, enhances translational properties and stability, while reducing innate immune responses in human and mammalian cells when used to replace unmodified mRNA [1].
Targets(IC50)	Others,DNA/RNA Synthesis

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.7758 mL	8.8789 mL	17.7579 mL
5 mM	0.3552 mL	1.7758 mL	3.5516 mL
10 mM	0.1776 mL	0.8879 mL	1.7758 mL
50 mM	0.0355 mL	0.1776 mL	0.3552 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

This product is for Research Use Only · Not for Human or Veterinary or Therapeutic Use

Tel:781-999-4286

E_mail:info@targetmol.com

Address:34 Washington Street,Wellesley Hills,MA 02481