

Cy5-UTP

Chemical Properties

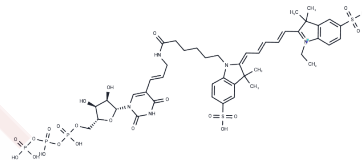
CAS No. :

Formula: C45H58N5O22P3S2

Molecular Weight: 1178.01

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	Cy5-UTP serves as a substrate for terminal deoxynucleotidyl transferase (TdT) and is utilized to label in vitro transcribed RNA probes [Ex/Em: 650/665 nm]. Cy5-labeled mRNA emits an orange fluorescence.
Targets(IC50)	Others

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	0.8489 mL	4.2444 mL	8.4889 mL
5 mM	0.1698 mL	0.8489 mL	1.6978 mL
10 mM	0.0849 mL	0.4244 mL	0.8489 mL
50 mM	0.017 mL	0.0849 mL	0.1698 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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