

Biotin-16-dUTP trisodium

Chemical Properties

CAS No. :

Formula: C₃₂H₄₉N₇Na₃O₁₈P₃S

Molecular Weight: 1013.72

Keep away from direct sunlight

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	Biotin-16-deoxyuridine-5'-triphosphate (Biotin-16-dUTP) trisodium serves as an enzymatically incorporable substitute for its natural analog, dTTP, in DNA/cDNA synthesis, facilitating the production of biotinylated DNA probes for diverse assay applications [1] [2]. Storage recommendation: protect from light.
Targets(IC50)	Others, Autophagy

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	0.9865 mL	4.9323 mL	9.8647 mL
5 mM	0.1973 mL	0.9865 mL	1.9729 mL
10 mM	0.0986 mL	0.4932 mL	0.9865 mL
50 mM	0.0197 mL	0.0986 mL	0.1973 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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