

Rp-2'-Deoxyuridine-5'-O-(1-thiotriphosphate) sodium

Chemical Properties

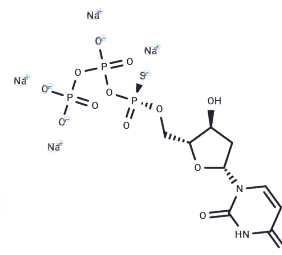
CAS No. :

Formula: C₉H₁₁N₂O₁₃P₃S.4Na

Molecular Weight: 572.14

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	Rp-2'-Deoxyuridine-5'-O-(1-thiotriphosphate) (Rp-dUTP- α -S), a sulfur-containing nucleotide isomer and purinergic P2Y ₂ receptor agonist, preferentially promotes inositol phosphate accumulation in 1321N1 astrocytoma cells with P2Y ₂ receptors (EC ₅₀ = 12.5 μ M) compared to those expressing P2Y ₄ receptors at a concentration of 10 μ M.
Targets(IC50)	Others

Solubility Information

Solubility	H ₂ O: Soluble (< 1 mg/ml refers to the product slightly soluble or insoluble)
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Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.7478 mL	8.7391 mL	17.4782 mL
5 mM	0.3496 mL	1.7478 mL	3.4956 mL
10 mM	0.1748 mL	0.8739 mL	1.7478 mL
50 mM	0.035 mL	0.1748 mL	0.3496 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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