

Uridine 5'-triphosphate tris salt

Chemical Properties

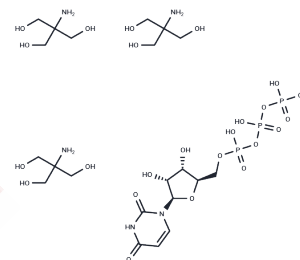
CAS No. :

Formula: C₂₁H₄₈N₅O₂₄P₃

Molecular Weight: 847.55

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	Uridine 5'-triphosphate tris salt (Uridine 5'-triphosphoric acid) is an agonist to the P2Y receptor and has been used to study concentrations of intracellular Ca ²⁺ , as well as a phosphate donor for in vitro kinase assays.
Targets(IC50)	Endogenous Metabolite

Solubility Information

Solubility	DMSO: 10 mM, Sonication is recommended. (< 1 mg/ml refers to the product slightly soluble or insoluble)
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Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.1799 mL	5.8994 mL	11.7987 mL
5 mM	0.236 mL	1.1799 mL	2.3597 mL
10 mM	0.118 mL	0.5899 mL	1.1799 mL
50 mM	0.0236 mL	0.118 mL	0.236 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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