

Uridine triphosphate trisodium salt

Chemical Properties

CAS No. :	19817-92-6
Formula:	C ₉ H ₁₂ N ₂ Na ₃ O ₁₅ P ₃
Molecular Weight:	550.087
Storage:	Store at low temperature Powder: -20°C for 3 years In solvent: -80°C for 1 year <small>Actual storage temperature shall be subject to the COA.</small>

Biological Description

Description	Uridine triphosphate trisodium salt (UTP, Trisodium Salt) is a nucleotide.
Targets(IC50)	Others,Endogenous Metabolite,P2Y Receptor

Solubility Information

Solubility	H ₂ O: 50.00 mg/mL (90.89 mM),Sonication is recommended. DMSO: 1.00 mg/mL (1.82 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	1.8179 mL	9.0894 mL	18.1788 mL
5 mM	0.3636 mL	1.8179 mL	3.6358 mL
10 mM	0.1818 mL	0.9089 mL	1.8179 mL
50 mM	0.0364 mL	0.1818 mL	0.3636 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.

Reference

Choi JH, et al. Uridine triphosphate increases proliferation of human cancerous pancreatic duct epithelial cells by activating P2Y₂ receptor. *Pancreas*. 2013 May;42(4):680-6.

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