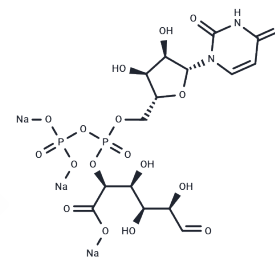


UDP-glucuronic acid trisodium

Chemical Properties

CAS No. :	63700-19-6
Formula:	C ₁₅ H ₁₉ N ₂ Na ₃ O ₁₈ P ₂
Molecular Weight:	646.23
Storage:	Store at low temperature Pure form: -20°C for 3 years In solvent: -80°C for 1 year

Actual storage temperature shall be subject to the COA.



Biological Description

Description	UDP-glucuronic acid trisodium (UDP-glucuronic acid trisodium) is an indispensable precursor for vital glycoconjugates in various biological domains. These glycoconjugates encompass mammalian glycosaminoglycans, plant cell wall polysaccharides, and bacterial capsule glycolipids.
Targets(IC50)	Others

Solubility Information

Solubility	DMSO: 80 mg/mL (123.79 mM), Sonication is recommended. H ₂ O: 125 mg/mL (193.43 mM), Sonication is recommended. (< 1 mg/ml refers to the product slightly soluble or insoluble)
In vivo Formulation	10% DMSO+40% PEG300+5% Tween 80+45% Saline: 3.3 mg/mL (5.11 mM), Sonication is recommended. <i>Please add the solvents sequentially, clarifying the solution as much as possible before adding the next one. Dissolve by heating and/or sonication if necessary. Working solution is recommended to be prepared and used immediately. The formulation provided above is for reference purposes only. In vivo formulations may vary and should be modified based on specific experimental conditions.</i>

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.5474 mL	7.7372 mL	15.4744 mL
5 mM	0.3095 mL	1.5474 mL	3.0949 mL
10 mM	0.1547 mL	0.7737 mL	1.5474 mL
50 mM	0.0309 mL	0.1547 mL	0.3095 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

Li LX, et al. UDP-Glucuronic Acid Transport Is Required for Virulence of

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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