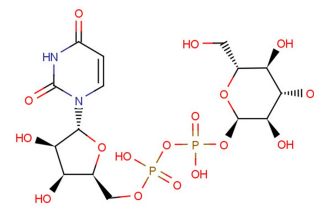


Uridine diphosphate glucose

Chemical Properties

CAS No.:	133-89-1
Formula:	C ₁₅ H ₂₄ N ₂ O ₁₇ P ₂
Molecular Weight:	566.3
Appearance:	N/A
Storage:	0-4°C for short term (days to weeks), or -20°C for long term (months).



Biological Description

Description	Uridine diphosphate glucose is an important intermediate in several different metabolic pathways and biosynthetic reactions.
Targets(IC ₅₀)	Human Endogenous Metabolite: None

Solubility Information

Solubility	< 1 mg/ml refers to the product slightly soluble or insoluble
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Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.766 mL	8.829 mL	17.658 mL
5 mM	0.353 mL	1.766 mL	3.532 mL
10 mM	0.177 mL	0.883 mL	1.766 mL
50 mM	0.035 mL	0.177 mL	0.353 mL

Please select the appropriate solvent to prepare the stock solution, according to the solubility of the product in different solvents. The storage conditions and period of the stock solution: - 80 °C for 6 months; - 20 °C for 1 month. Please use it as soon as possible.

Reference

1. PALADINI AC, et al. Studies on uridine-diphosphate-glucose. Biochem J. 1952 Jun;51(3):426-30.

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