Data Sheet (Cat.No.T37375)



Uridine-3'-monophosphate (sodium salt)

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Chem	ical Dro	perties
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CAS No. :	35170-03-7
Formula:	C9H13N2Na2O9P
Molecular Weight:	370.161
Appearance:	no data available
Storage:	Powder: -20°C for 3 years In solvent: -80°C for 1 year

Biological Description	
Description	Uridine-3'-monophosphate is a nucleoside used in the biochemical synthesis of ribothymidine-3'-phosphate. It has been used as a bioavailable source of uridine in research studies designed to enhance learning and memory.

Solubility Information						
Solubility PBS (pH 7.2): 10 mg/mL (< 1 mg/ml refers to the product slightly soluble or insoluble)						
Preparing Stock Solutions						
	1mg	5mg	10mg			
1 mM	2.7015 mL	13.5077 mL	27.0153 mL			
5 mM	0.5403 mL	2.7015 mL	5.4031 mL			
10 mM	0.2702 mL	1.3508 mL	2.7015 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.

0.2702 mL

0.054 mL

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50 mM

0.5403 mL