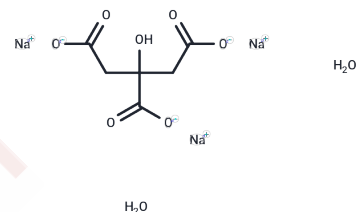


Sodium citrate dihydrate

Chemical Properties

CAS No. : 6132-04-3
 Formula: C₆H₉Na₃O₉
 Molecular Weight: 294.1
 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	Sodium citrate dihydrate (Trisodium citrate dihydrate) is an anticoagulant, and also used as a buffer and food preservatives.
Targets(IC50)	Apoptosis,Endogenous Metabolite,Antibacterial

Solubility Information

Solubility	H ₂ O: 125 mg/mL (425.03 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	3.4002 mL	17.001 mL	34.002 mL
5 mM	0.680 mL	3.4002 mL	6.8004 mL
10 mM	0.340 mL	1.7001 mL	3.4002 mL
50 mM	0.068 mL	0.340 mL	0.680 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

Adcock DM, et al. Effect of 3.2% vs 3.8% sodium citrate concentration on routine coagulation testing. Am J Clin Pathol. 1997 Jan;107(1):105-10.

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Tel:781-999-4286 E_mail:info@targetmol.com Address:34 Washington Street,Wellesley Hills,MA 02481