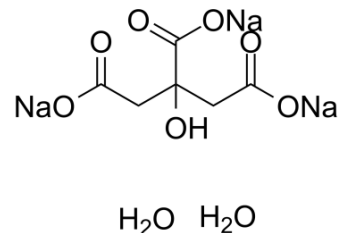


Sodium citrate dihydrate

Cat. No.:	HY-B1610		
CAS No.:	6132-04-3		
Molecular Formula:	C ₆ H ₉ Na ₃ O ₉		
Molecular Weight:	294.1		
Target:	Bacterial		
Pathway:	Anti-infection		
Storage:	Powder	-20°C	3 years
		4°C	2 years
	In solvent	-80°C	6 months
		-20°C	1 month



SOLVENT & SOLUBILITY

In Vitro

H₂O : 125 mg/mL (425.03 mM; Need ultrasonic)

Preparing Stock Solutions	Solvent Concentration	Mass		
		1 mg	5 mg	10 mg
	1 mM	3.4002 mL	17.0010 mL	34.0020 mL
	5 mM	0.6800 mL	3.4002 mL	6.8004 mL
	10 mM	0.3400 mL	1.7001 mL	3.4002 mL

Please refer to the solubility information to select the appropriate solvent.

BIOLOGICAL ACTIVITY

Description

Sodium citrate dehydrate is an anticoagulant and also used as a buffer and food preservatives.

REFERENCES

[1]. 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.

Caution: Product has not been fully validated for medical applications. For research use only.

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