

## Data Sheet (Cat.No.T11012)

Dextran

### Chemical Properties

CAS No.:	9004-54-0
Formula:	NA
Molecular Weight:	40000
Appearance:	N/A
Storage:	0-4°C for short term (days to weeks), or -20°C for long term (months).

### Biological Description

Description	Dextran (Dextran 40) has an inhibitory effect on platelet aggregation and coagulation factors, and is used as an agent for increasing plasma volume.
Targets(IC <sub>50</sub> )	Others: 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	0.025 mL	0.125 mL	0.25 mL
5 mM	0.005 mL	0.025 mL	0.05 mL
10 mM	0.003 mL	0.013 mL	0.025 mL
50 mM	0.001 mL	0.003 mL	0.005 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. Bark BP, et al. Infusion rate and plasma volume expansion of dextran and albumin in the septic guinea pig. Acta Anaesthesiol Scand. 2014 Jan;58(1):44-51.

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