

Dextran

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|-------------------|----------------|-------|----------|
| Cat. No.: | HY-112624 | | |
| CAS No.: | 9004-54-0 | | |
| Molecular Weight: | 40000 | | |
| 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 |

Dextran

SOLVENT & SOLUBILITY

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| In Vivo | 1. Add each solvent one by one: PBS Solubility: 166.67 mg/mL (4.17 mM); Clear solution; Need ultrasonic |
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BIOLOGICAL ACTIVITY

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| Description | Dextran (Dextran 40) has an inhibitory effect on thrombocyte aggregation and coagulation factors and is used as a plasma volume expander. |
| In Vivo | Dextran can be used in animal modeling to construct mouse paw edema model. MCE has not independently confirmed the accuracy of these methods. They are for reference only. |

REFERENCES

[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.

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

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