

Dextran (MW 5000)

Chemical Properties

CAS No. : 9004-54-0

Formula: (C₆H₁₀O₅)_n

Molecular Weight:

Storage: Powder: -20°C for 3 years | In solvent: -80°C for 1 year

Actual storage temperature shall be subject to the COA.

Dextran

Biological Description

Description	Dextran (Dextran 40) inhibits platelet aggregation and coagulation factors, can partially replace whole blood during transfusion, and is commonly used as a plasma volume expander; it can also be used in paw edema models.
Targets(IC50)	Platelet aggregation

Reference

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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