



SZABO SCANDIC

Part of Europa Biosite

Produktinformation



Forschungsprodukte & Biochemikalien



Zellkultur & Verbrauchsmaterial



Diagnostik & molekulare Diagnostik



Laborgeräte & Service

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Lieferung & Zahlungsart

siehe unsere [Liefer- und Versandbedingungen](#)

Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

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Dextran T500 (MW 500,000)

Cat. No.:	HY-112624P
CAS No.:	9004-54-0
Molecular Formula:	(C ₆ H ₁₀ O ₅) _n
Target:	Biochemical Assay Reagents
Pathway:	Others
Storage:	RT, sealed storage, away from moisture and light

Dextran T500 (MW 500,000)

SOLVENT & SOLUBILITY

In Vitro	H ₂ O : ≥ 100 mg/mL * "≥" means soluble, but saturation unknown.
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BIOLOGICAL ACTIVITY

Description	Dextran T500 MW 500,000 (Dextran 500; Dextran D500; Dextran T500 MW 440000-560000) is a polymer of anhydroglucose with the average molecular weight of 500,000. Dextran T500 MW 500,000 exhibits good biodegradability and good biocompatibility, that is utilized in food, pharmaceuticals, cosmetics, and research area ^[1] .
In Vitro	Dextran T500 MW 500,000 is used in medical industry as extender, anticoagulant, antithrombotic, osmotic agent, and intravenous plasma lubricant; in addition, it is used as a cryopreservative for vaccines and organs ^[2] . MCE has not independently confirmed the accuracy of these methods. They are for reference only.

REFERENCES

[1]. Díaz-Montes E. Dextran: sources, structures, and properties[J]. Polysaccharides, 2021, 2(3): 554-565.

[2]. Bhavani A L, Nisha J. Dextran—the polysaccharide with versatile uses[J]. Int J Pharm Biol Sci, 2010, 1(4): 569-573.

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

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