Product Data Sheet

Product Name: Dextran sulfate sodium salt (MW 35000-45000)
Cat. No.: GC38252

Chemical Properties

Cas. No.	9011-18-1		
SMILES	[Dextran sulfate sodium salt (MW 35000-45000)]		
Formula		M.Wt	35000-45000
Solubility	DMF: 30 mg/ml,DMSO: 30 mg/ml,PBS (pH 7.2): 10 mg/ml	Storage	Store at -20°C
General tips	For obtaining a higher solubility , please warm the tube at 37 °C and shake it in the ultrasonic bath for a while.Stock solution can be stored below -20°C for several months.		
Shipping Condition	Evaluation sample solution : ship with blue ice All other available size: ship with RT , or blue ice upon request.		
Structure			

Dextran sulfate sodium salt (MW 35000-45000)

Background

Dextran sulfate sodium salt (MW 35000-45000) is a is a polymer of anhydroglucose with the molecular weight range of 35000-45000. Dextran sulfate sodium salt inhibits the replication of the human immunodeficiency virus by preventing the adsorption of the virus into host cells[1].

[1]. Baba M, et al. Mechanism of inhibitory effect of dextran sulfate and heparin on replication of human immunodeficiency virus in vitro. Proc Natl Acad Sci U S A. 1988 Aug;85(16):6132-6.

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