# Product Data Sheet

Product Name: Dextran sulfate sodium salt (MW 16000-24000)
Cat. No.: GC38250

## Chemical Properties

| | | | |
|---|---|---|---|
| Cas. No. | 9011-18-1 | | |
| SMILES | [Dextran sulfate sodium salt (MW 16000-24000)] | | |
| Formula | | M.Wt | 16000-24000 |
| 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 16000-24000)

## Background

Dextran sulfate sodium salt (MW 16000-24000) is a is a polymer of anhydroglucose with the molecular weight range of 16000-24000. 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.***
***Tel: (909) 407-4943 Fax: (626) 353-8530 E-mail: tech@glpbio.com***
***Address: 10292 Central Ave. #205, Montclair, CA, USA***

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