

Dermatan sulphate sodium

Chemical Properties

CAS No. : 54328-33-5

Formula:

Molecular Weight:

Appearance:

Storage:

keep away from moisture

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

Biological Description

Description	Dermatan sulphate sodium (Chondroitin sulfate B sodium salt) is a linear sulfated polysaccharide, a glycosaminoglycan component of several important proteoglycans, and an activating ligand for the kinase of mesenchymal lymphoma. Dermatan sulphate sodium is an anticoagulant, inhibiting thrombus Dermatan sulphate sodium is an anticoagulant that inhibits thrombosis.
Targets(IC50)	Thrombin

Solubility Information

Solubility	H2O: 80 mg/mL, Sonication is recommended. DMSO: < 1 mg/mL (insoluble) (< 1 mg/ml refers to the product slightly soluble or insoluble)
------------	---

Reference

Nenci GG. Dermatan sulphate as an antithrombotic drug. Pathophysiol Haemost Thromb. 2002 Sep-Dec;32(5-6): 303-7.

Xu J, et al. Effect of dermatan sulphate on a C57-mouse model of pulmonary fibrosis. J Int Med Res. 2019 Jun;47(6): 2655-2665.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

This product is for Research Use Only. Not for Human or Veterinary or Therapeutic Use

Tel: 781-999-4286

E_mail: info@targetmol.com

Address: 34 Washington Street, Wellesley Hills, MA 02481