



COSMO BIO CO., LTD.  
Inspiration for Life Science


## Sodium Dermatan Sulfate (Pig Skin)

Code # : CSR-NaDS-B2(PgS)3  
Size : 3mg/vial  
Appearance : white lyophilizate  
Source of sodium dermatan sulfate : Pig Skin

Outline: Dermatan sulfate (DS) is a sulfated glycosaminoglycan composed of repeating disaccharide units of N-acetyl-D-galactosamine (GalNAc) and D-glucuronic acid or D-iduronic acid. DS is abundant in skin and exists as unbranched polysaccharide chains covalently linked to the protein core of proteoglycans. This product is 3mg lyophilizate of sodium dermatan sulfate purified from pig skin. CSR-NaDS-B2(PgS)3 contains approximately 80 % of one sulfate groups as 4-O-sulfation of GalNAc. This product can be used as a non-labeled reference of Fluoresceinamine-labeled Sodium Dermatan Sulfate (B1) (Product code: CSR-FADS-B1). The enclosed Certification of Analysis lists actual values for product specifications such as a molecular weight or a composition of disaccharide units produced by chondroitinase digestion.

Handling precautions:

- 1) This product is absorbent. Store avoiding humidity at 4°C or below.
- 2) Store at -20°C or below after dissolution. We recommend storing in aliquots appropriate for anticipated usage.
- 3) This product is for research use only. Not for use in diagnostic or therapeutic procedures.

Manufactured by   
Research

  
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