

## Dermatan Sulfate Oligosaccharide

<b>Catalogue no:</b>	DSO20
<b>Designation:</b>	Oligosaccharide dp20. ammonium salt, Mw 4960
<b>General Description:</b>	<p>This oligosaccharide has been prepared by high resolution gel filtration of partial chondroitin ABC lyase digestion of dermatan sulfate.</p> <p>General formula:</p> $\Delta\text{HexA} - \text{GalNAc,4S} - (\text{IdoA} - \text{GalNAc,4S})_n$ <p>where <i>n</i> is number of disaccharide units</p> <p>Uronic acid (HexA) at the non-reducing end of the oligosaccharide has a C4-C5 double bond as a result of the endolytic action of chondroitin ABC lyase.</p> <p>The main disaccharide in the dermatan sulfate used to prepare these oligosaccharides is IdoA – GalNAc,4S (88% of total disaccharides). The remainder are composed of 7% of disulfated units (IdoA,2S – GalNAc,4S) and 5% non-sulfated disaccharides.</p>
<b>Quantity:</b>	1mg per vial
<b>Appearance:</b>	White/yellow powder
<b>Origin:</b>	High Quality Porcine Dermatan Sulfate
<b>Toxicity and Hazards:</b>	<p>We are not aware of any toxicity associated with this product. In common with good laboratory practice the material should only be handled by qualified personnel trained in laboratory procedures and familiar with potential hazards.</p> <p>This product is not intended for human consumption, drug use or any form of human experimentation.</p>
<b>Applications:</b>	Biological/biochemical laboratory research
<b>Storage:</b>	We recommend that all products are stored dry at –20°C upon receipt and that they are allowed to warm to room temperature before opening. If made up into solutions avoid repeated freeze-thawing. Stock solutions should be prepared in appropriate aliquots and stored frozen.
<b>Warranties:</b>	Iduron warrants that its products shall conform to the description of such products as provided in Iduron's catalogue. This warranty is exclusive, and seller makes no other warranty, expressed or implied, including any implied warranty of merchantability or fitness for any particular purpose. See 'terms and conditions' for further warranty information.