

Chondroitin Sulphate Oligosaccharide

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| Catalogue no: | CSO10 |
| Designation: | Oligosaccharide dp10. Ammonium salt, Mw 2480 |
| General Description: | <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> $\Delta\text{UA} - \text{GalNAc}_{4\text{S} \text{ or } 6\text{S}} - (\text{GlcA} - \text{GalNAc}_{4\text{S} \text{ or } 6\text{S}})_n - \text{GlcA} - \text{GalNAc}_{4\text{S} \text{ or } 6\text{S}}$ <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 original chondroitin sulphate is GlcA – GalNAc sulphated at the C-4 or C-6 of the GalNAc residue.</p> |
| Quantity: | 1mg per vial |
| Appearance: | White/yellow powder |
| Origin: | Mixed isomer shark Chondroitin Sulphate |
| Toxicity and Hazards: | <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> |
| Applications: | Biological/biochemical laboratory research |
| Storage: | 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. |
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