**Heparan Sulphate (HS) Oligosaccharide dp12 (Hep I)**

Preparation: Depolymerisation of HS-GAG (GAG-HS01) by prolonged digestion with Heparinase I (Hep I)  
Hep I degrades the highly-sulphated regions (S-domains) of HS  
Yields fractions enriched in oligos. derived from regions of low and intermediate sulphation including the important transition zones   
Hep I-resistant oligosaccharides separated by high resolution gel filtration  
Single peak when analysed on Superdex S-75 HPLC

Catalogue no: HS12 (I)

Approx. Mo. Wt.: 3500 daltons

Composition: 29% N-acetylated disaccharides   
66% N-sulphated disaccharides  
O-sulphate groups: 104/100 disaccharides   
 \*Oligomer Sulphation” (sum of N-and O-sulphates) is 170/100 disaccharides   
Also contains approx. 4% free amine disaccharide (UA – GlcNH3+,6S)

Quantity: 1mg

Appearance: White powder

Origin: Porcine Mucosa

Toxicity and Hazards: 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. These products are not intended for human consumption, drug use or any form of human experimentation.

Applications: Biological, biochemical and biophysical laboratory research

Storage: We recommend that all products are stored frozen at -15 to -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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