

Product Data Sheet

GlcA-GlcNAc6S-GlcA-GlcNAc6S -GlcA-GlcNS6S -IdoA-GlcNS6S -GlcA-Az (9mer)

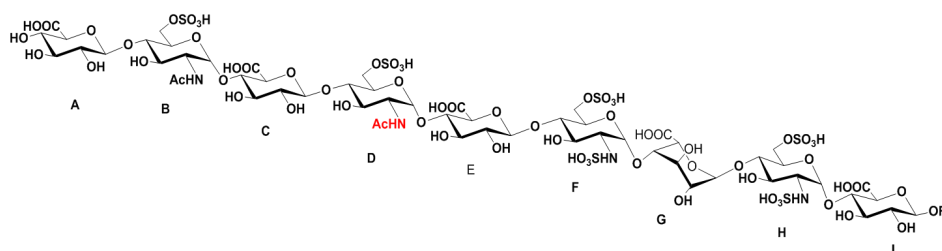
**Catalogue
No.**

GT77-AZ-069 (GT269)

Lot ID

GT77-269-VP022818

Structure



**Chemical
Formula**

$C_{70}H_{104}N_8O_{68}S_6$

**Molecular
Weight**

2337.95 g/mol

Quantity

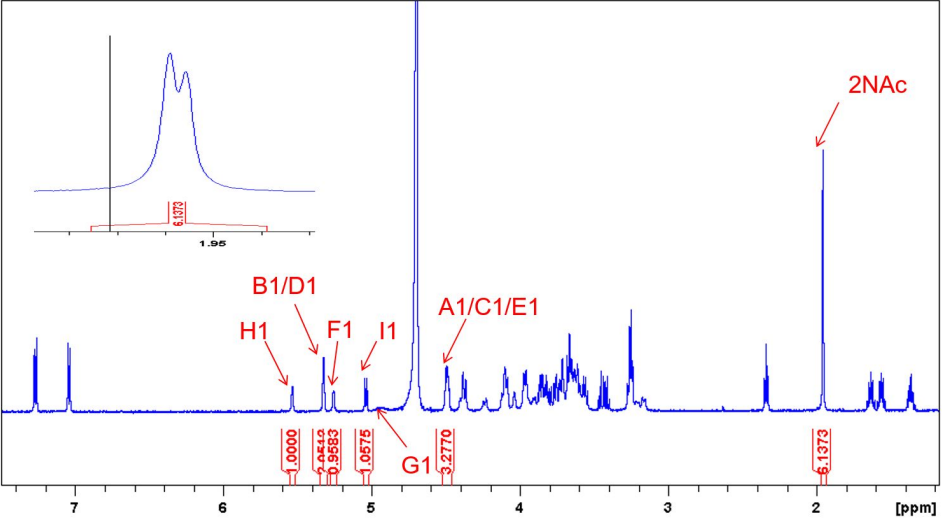
100 μ g

Purity

98% by HPLC

Appearance

Colorless solution when dissolved in water

Storage	-20 °C or below. Avoid repeat freeze-thawing
Safety information	<p>We are not aware of any toxicity with this product. The material should only be handled by qualified personnel trained in laboratory procedures and familiar with potential hazards. For laboratory research use only. Not for human or drug use.</p>
Description	<p>Using the state of the art of enzymatic synthesis, Glycan Therapeutics LLC produces structure-defined high-purity synthetic low molecular weight heparins.</p> <p>GT77-AZ-069 (GT269) is a 6-O-sulfated nonasaccharide with NAc6S residues, an Iduronic acid residue, and a UV chromophore (Abs Max 245nm) with a para-(6-azido hexanamido) phenyl tag at reducing end.</p>
¹H NMR	 <p>The ¹H NMR spectrum displays the following labeled peaks and integration values:</p> <ul style="list-style-type: none"> 2NAc: ~2.1 ppm A1/C1/E1: ~4.5 ppm B1/D1: ~5.2 ppm H1: ~5.3 ppm F1: ~5.4 ppm I1: ~5.5 ppm G1: ~5.6 ppm <p>Integration values (from left to right): 1.0000, 0.0419, 0.9583, 1.0576, 3.2770. An inset shows a peak at 6.1373 ppm with an integration of 1.95.</p>

HPLC and MS

