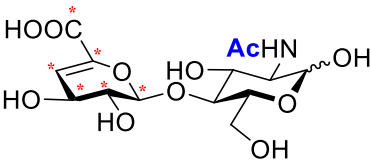


## Product Data Sheet

$\Delta$ UA<sub>(13C)</sub>-GlcNAc

<b>Catalogue No.</b>	GTHF-13-201
<b>Lot ID</b>	GT-CO -VP
<b>Structure</b>	
<b>Chemical Formula</b>	( <sup>13</sup> C) <sub>6</sub> C <sub>14</sub> H <sub>21</sub> NO <sub>11</sub>
<b>Molecular Weight</b>	385.3 g/mol
<b>Quantity</b>	100 ug
<b>Purity</b>	90% by HPLC (232nm)
<b>Appearance</b>	Colorless powder, Hygroscopic, Colorless solution at neutral pH.
<b>Storage</b>	-20 °C or below. Avoid repeat freeze-thawing
<b>Safety information</b>	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.
<b>Description</b>	GT- $\Delta$ UA <sub>(13C)</sub> -GlcNAc is a disaccharide containing C4-C5 unsaturated 2-O-sulfated uronic acid ( <sup>13</sup> C-universal) and GlcNS generated by heparan lyase degradation of Octasaccharide containing repeating unit of -(GlcNS-IdoA2S)-. The disaccharide is purified by anion

**HPLC and  
MS**

exchange chromatography followed by gel permeation chromatography for desalting to ensure desired purity (90%). The disaccharide has Abs Max of 232nm.