CAS: 33401-87-5
Molecular Formula: \( \text{C}_{18}\text{H}_{32}\text{O}_{16} \)
MW: 504.4

PURITY: > 97%

HPLC:
Column: Waters SugarPak I (6.5 x 300 mm)
Temperature: 90°C
Mobile phase: \( \text{dH}_2\text{O} \) with disodium calcium EDTA (50 mg/L) [Sigma Cat No. ED2SC]
Flow rate: 0.5 mL/min
HPLC system: Waters Breeze system, Waters 2410 RI detector and Empower v 2 software

<table>
<thead>
<tr>
<th>RT</th>
<th>Area</th>
<th>% Area</th>
<th>Height</th>
</tr>
</thead>
<tbody>
<tr>
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<td>6.383</td>
<td>10291</td>
<td>0.40</td>
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<tr>
<td>2</td>
<td>7.016</td>
<td>2556505</td>
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<tr>
<td>3</td>
<td>8.087</td>
<td>21476</td>
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</table>
HPAEC-PAD:
Column: CarboPac PA200 guard and analytical columns (3 x 250 mm).
Temperature: 30°C
Detector: Au electrode; waveform Carbohydrate, standard quad
Flow rate: 0.5 mL/min
IC system: Dionex ICS5000 + DP system and Chromeleon 7 software.

A stepwise linear gradient method was employed as shown.

<table>
<thead>
<tr>
<th>Time (min)</th>
<th>100 mM NaOH (%)</th>
<th>120 mM NaOAc in 100 mM NaOH (%)</th>
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<td>19</td>
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<tr>
<td>30</td>
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