

## 5alpha-hydroxy laxogenin

White powder in capsule

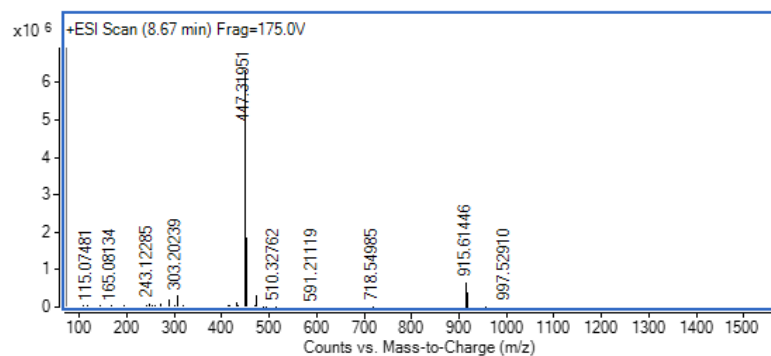
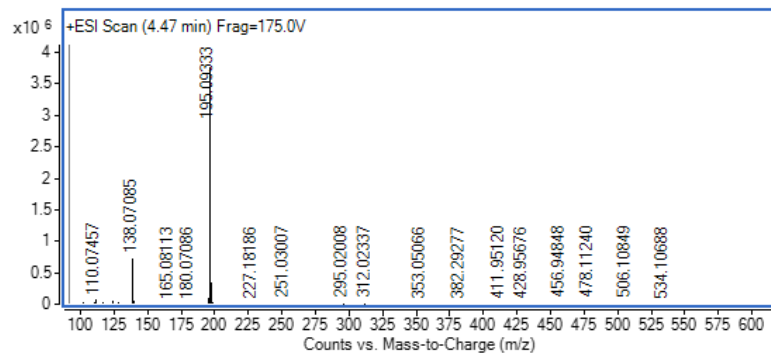
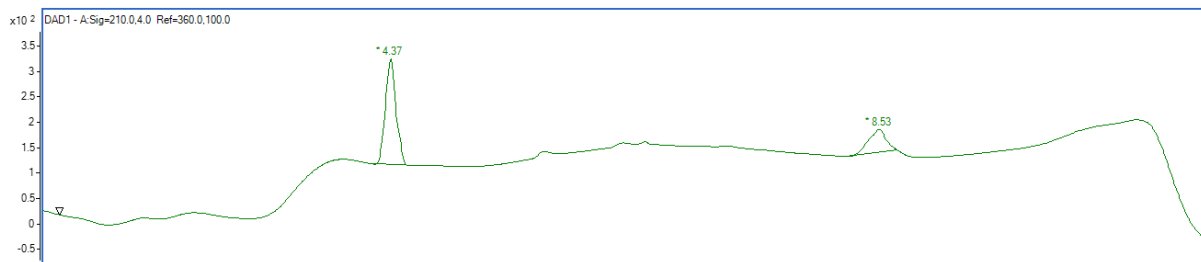
Expected MW: 447.31 (M-H<sup>+</sup>; C<sub>27</sub>H<sub>42</sub>O<sub>5</sub>+H<sup>+</sup>)

Found: 447.32 (M+H<sup>+</sup>) (LC-MS, ESI+) in a one of two major peaks (at r.t. 8.53); the other contains a small MW impurity (r.t. 4.37; 195.10)

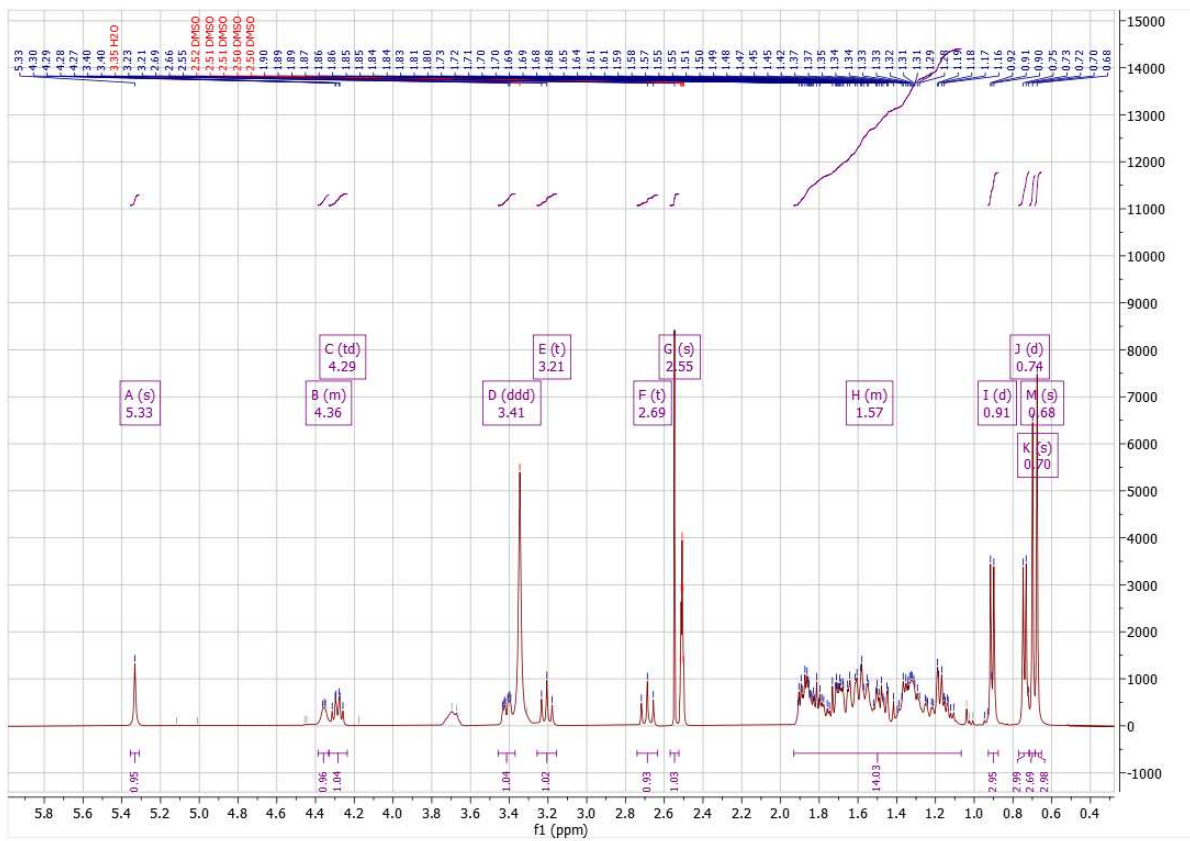
Identified as 5alpha-hydroxy laxogenin

NMR: <sup>1</sup>H and <sup>13</sup>C spectra match spectra of steroid derivative; 4 of its prominent upfield CH<sub>3</sub> signals were used for quantitation

<sup>1</sup>H qNMR: powder from one capsule contains 159.8 mg of target compound



# $^1\text{H}$ NMR, $d_6$ -DMSO



# $^{13}\text{C}$ NMR, $d_6$ -DMSO

