

## Concise Synthesis of Eutigoside C

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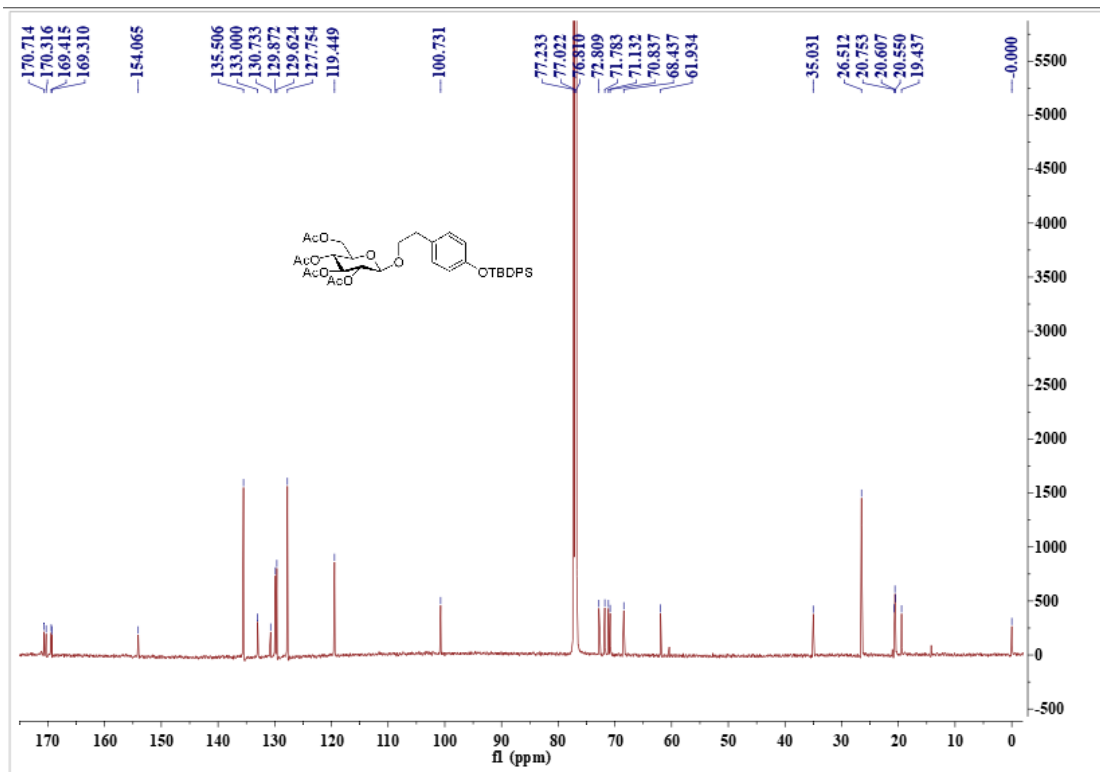
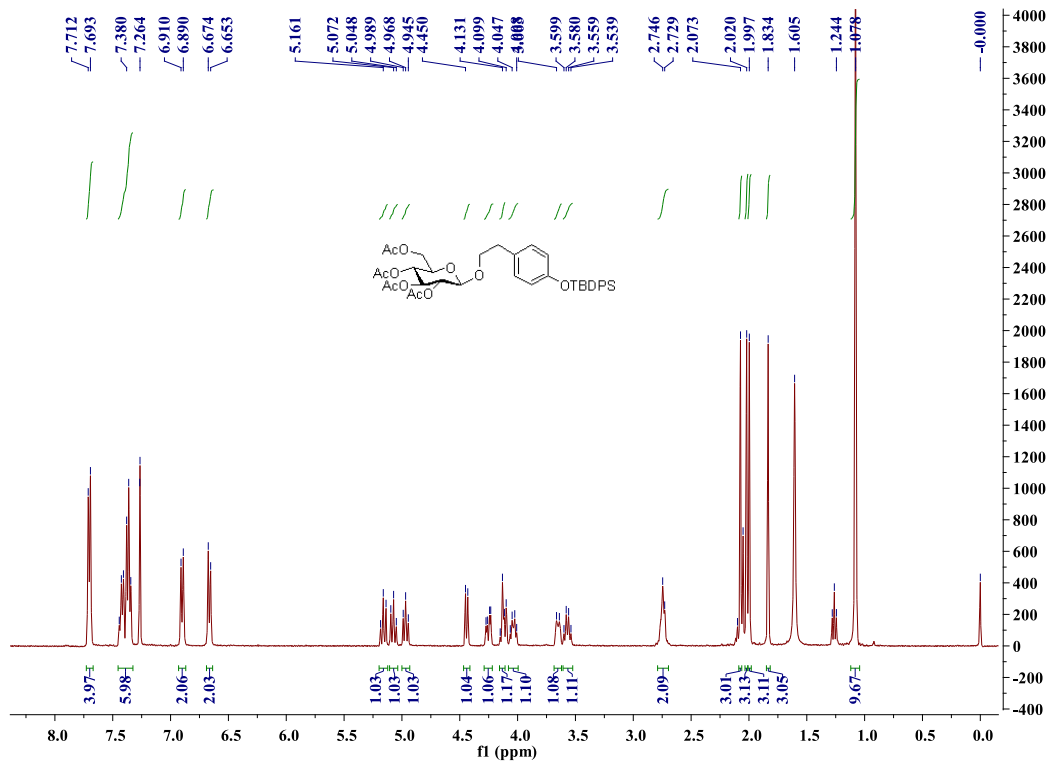
<sup>#</sup>These authors contributed equally to this work

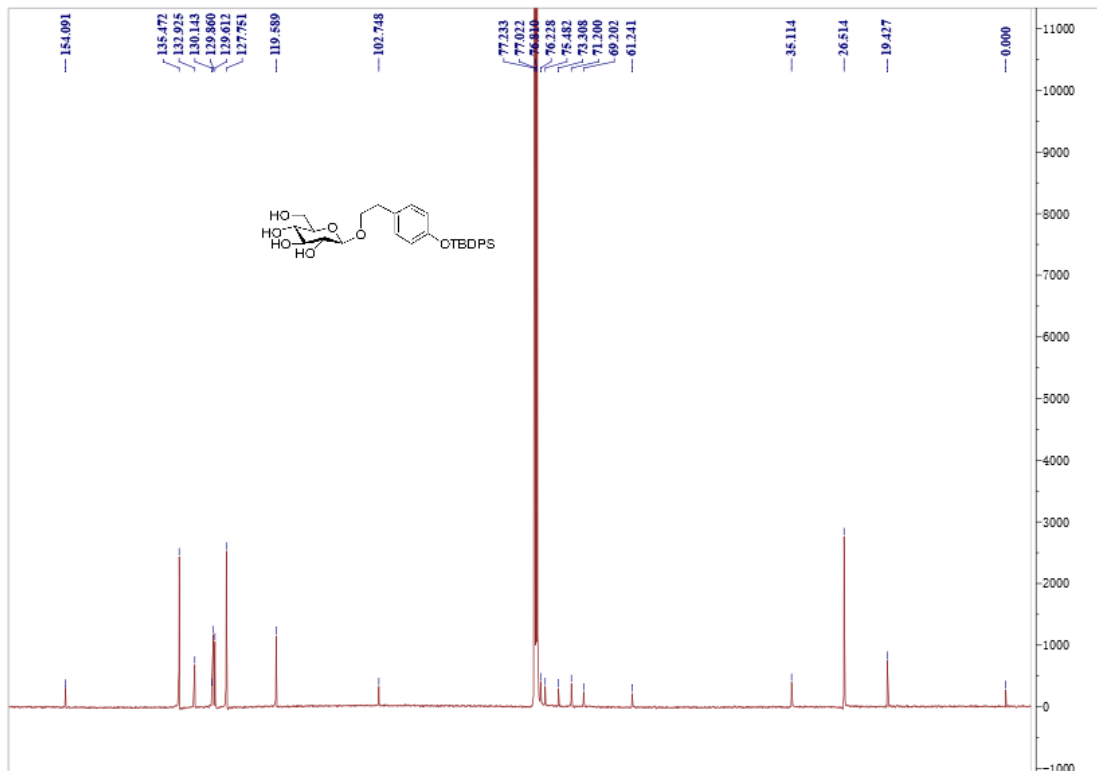
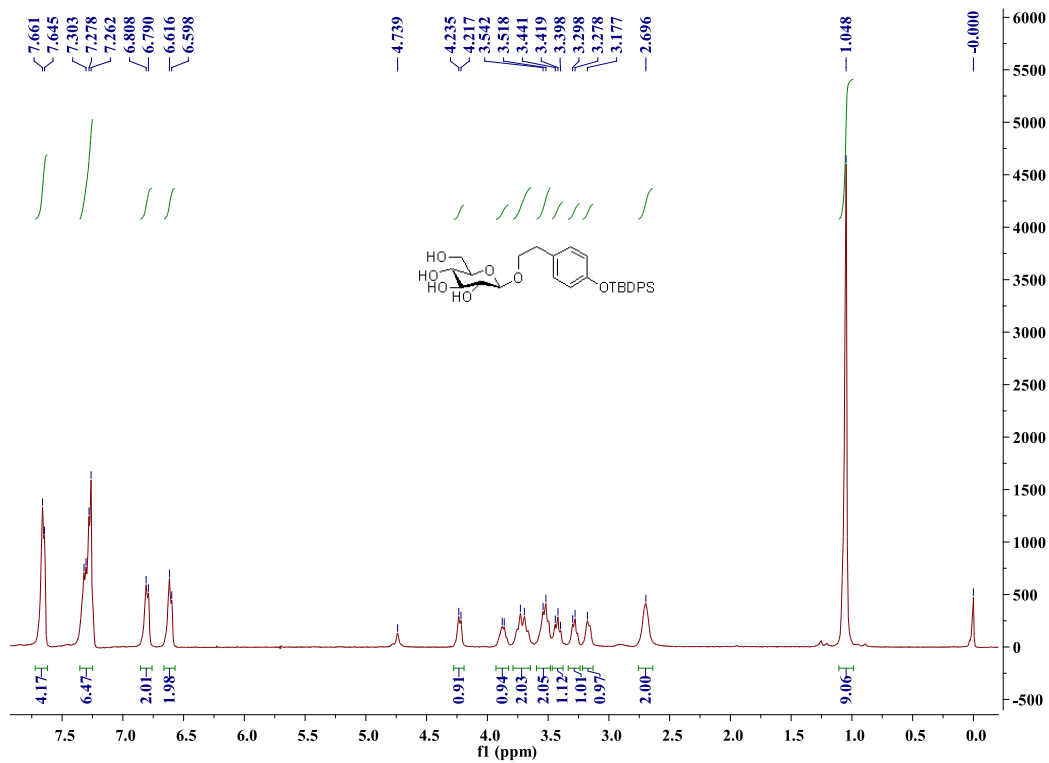
\* Corresponding author. E-mail addresses: [chiliqun@sohu.com](mailto:chiliqun@sohu.com) (L. Chi);

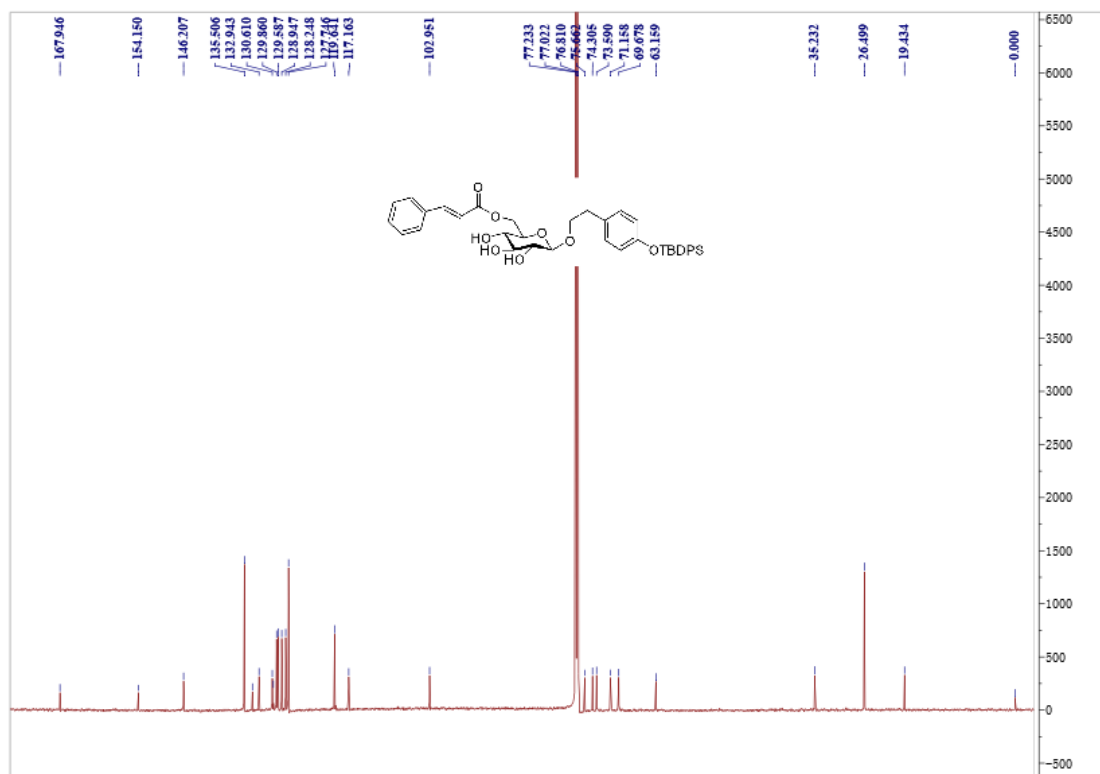
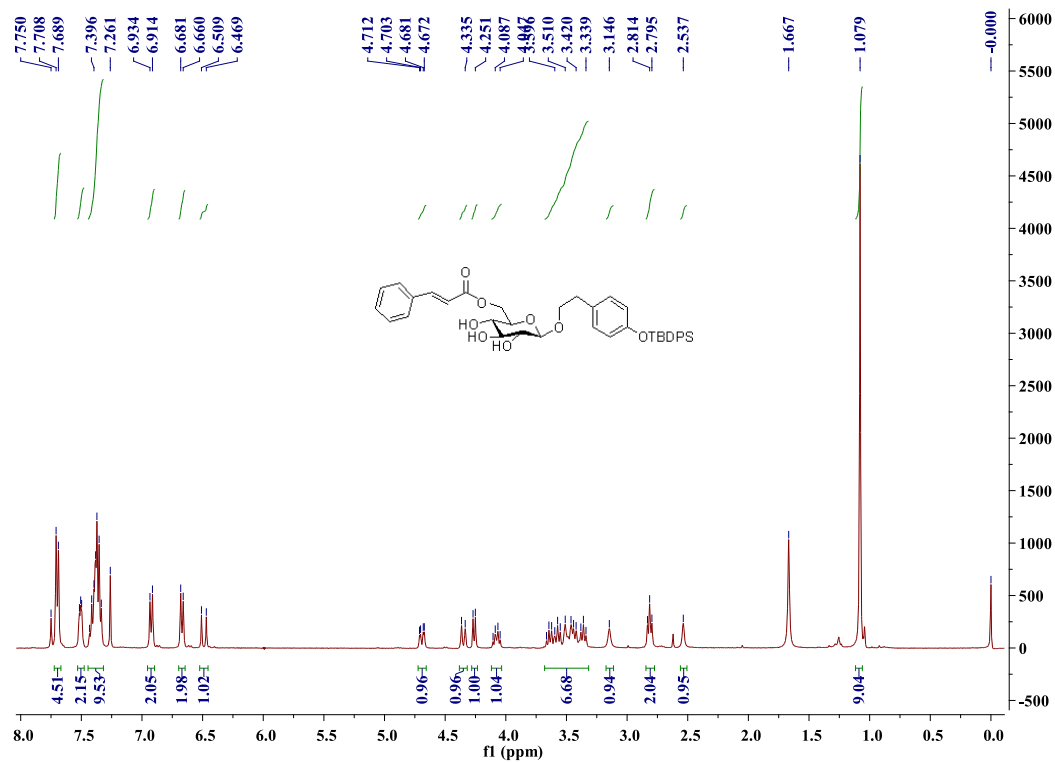
[Zhangw416@fudan.edu.cn](mailto:Zhangw416@fudan.edu.cn) (W. Zhang)

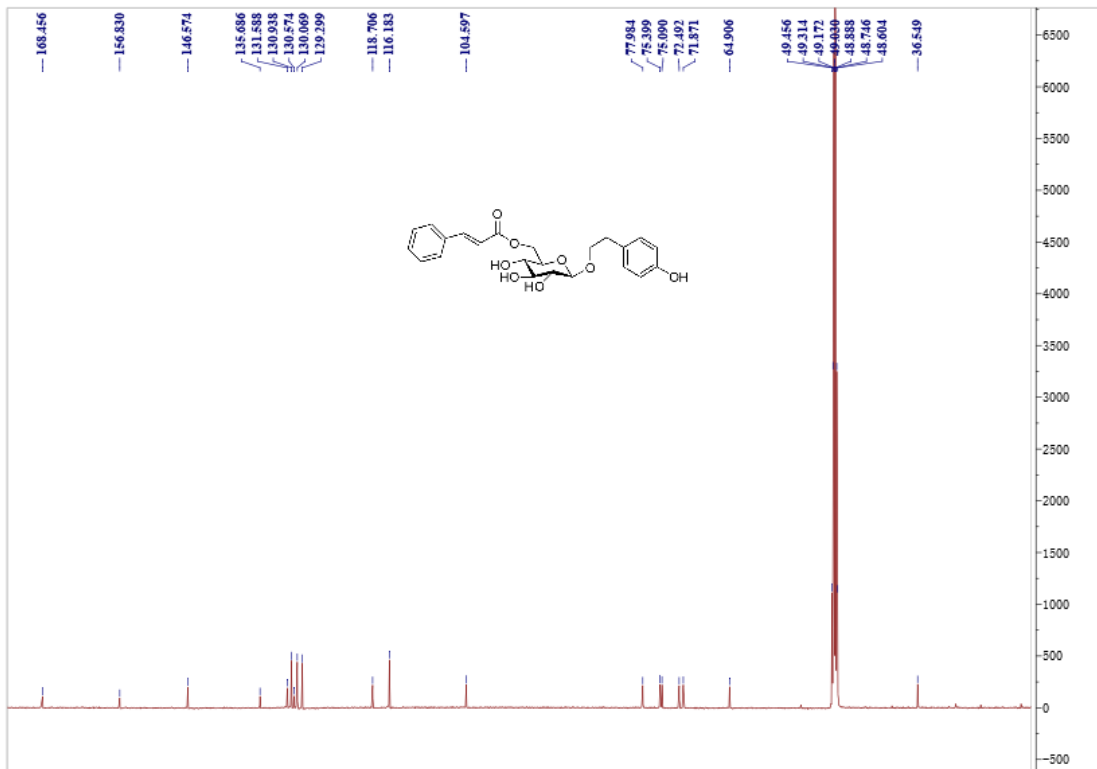
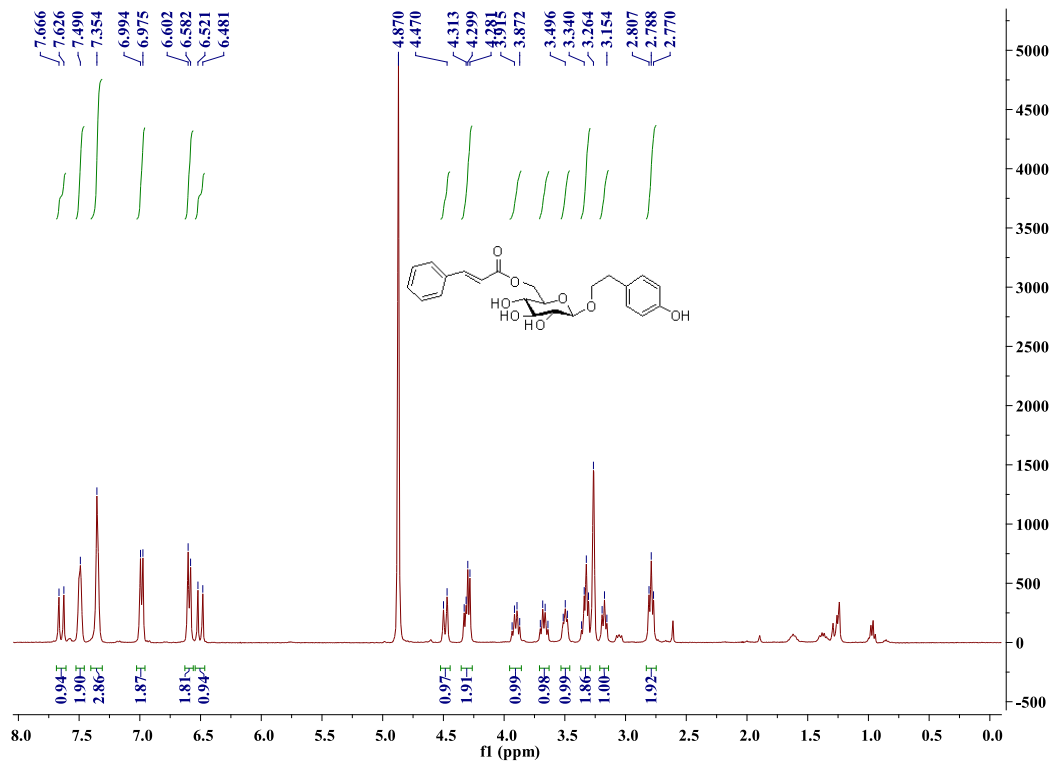
Copies of <sup>1</sup>H, <sup>13</sup>C NMR and HRMS spectra

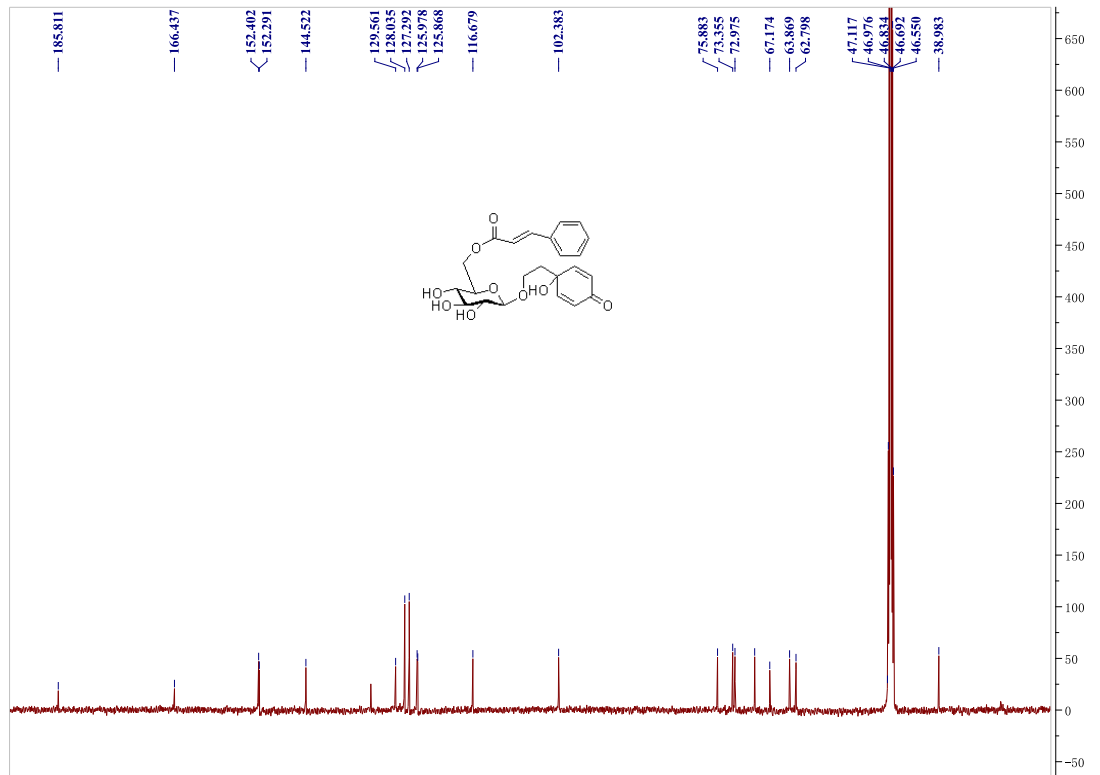
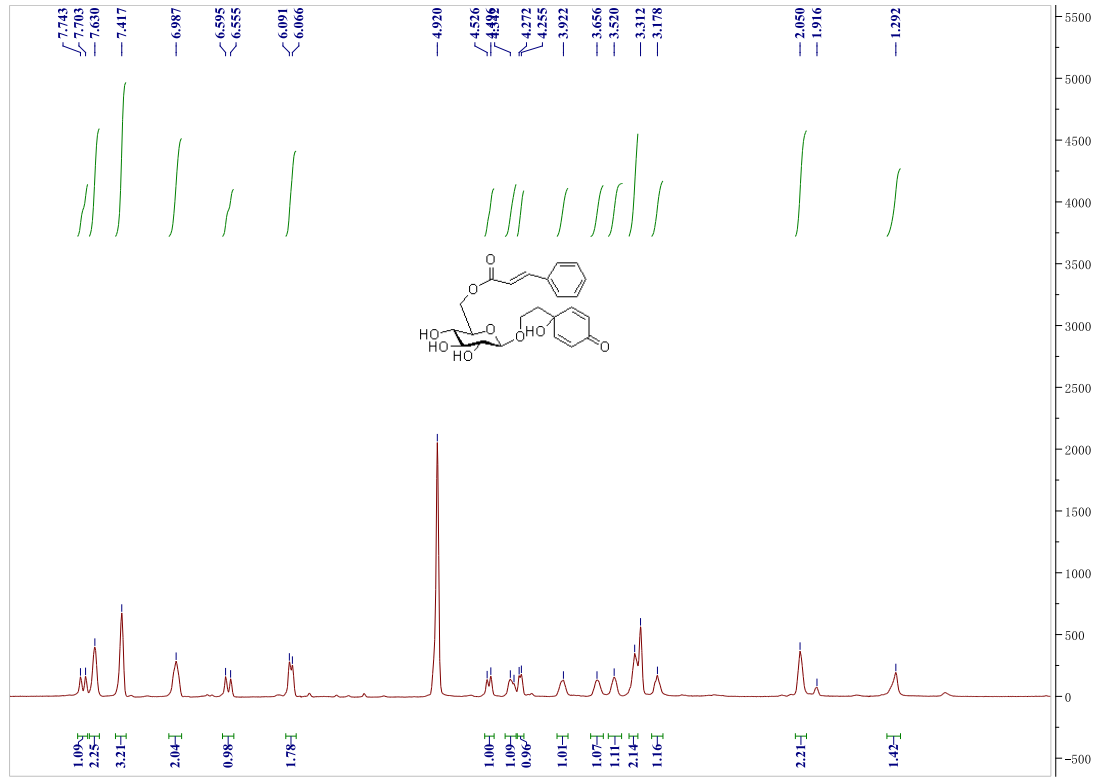




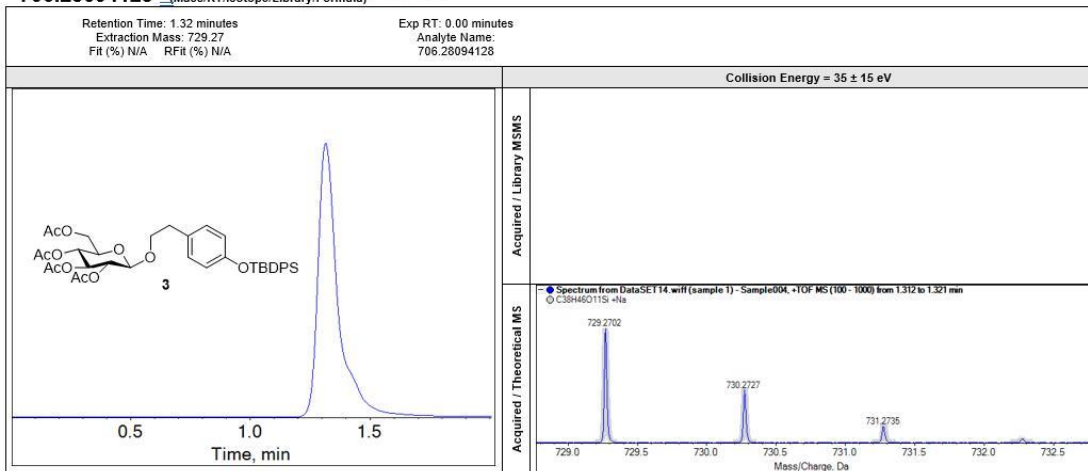






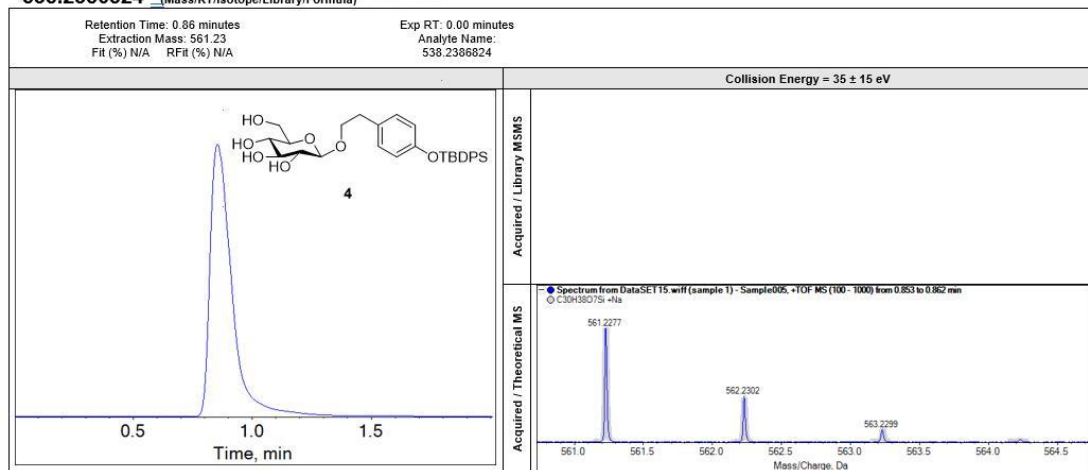


706.28094128 (Mass/RT/Isotope/Library/Formu) ✓✓✓✓



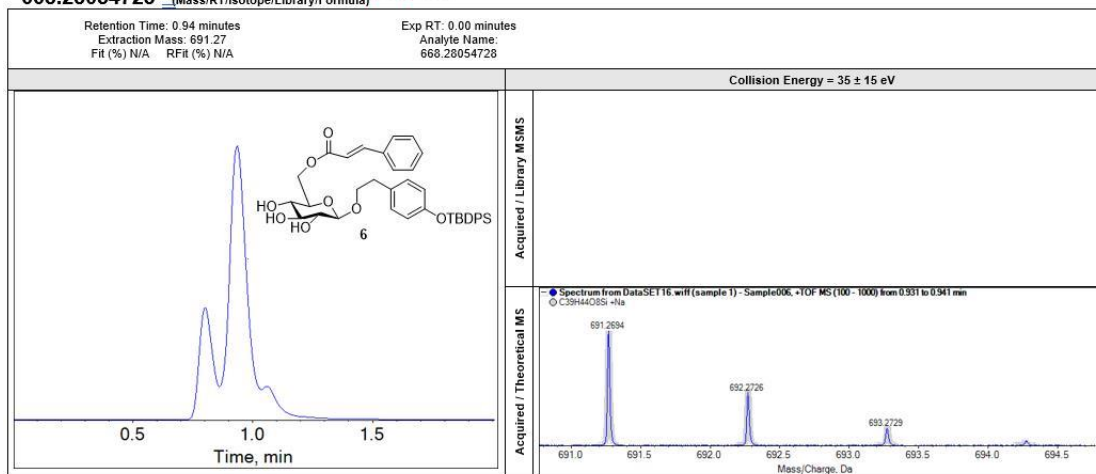
✓✓✓✓	Compound Name (Library Hit)	Score	Formula	Intensity	Threshold	Expected m/z	Found at m/z	Error (ppm)	Expected RT (min)	Found RT (min)	RT Delta (min)	Isotope Diff (%)	Library Score (%)
✓✓✓✓	706.28094128 (EC-2)	98%	C38H46O11S i	1651496	5	729.2702	729.2702	0.0	0.00	1.32	1.32	2.9%	N/A

538.2386824 (Mass/RT/Isotope/Library/Formu) ✓✓✓✓



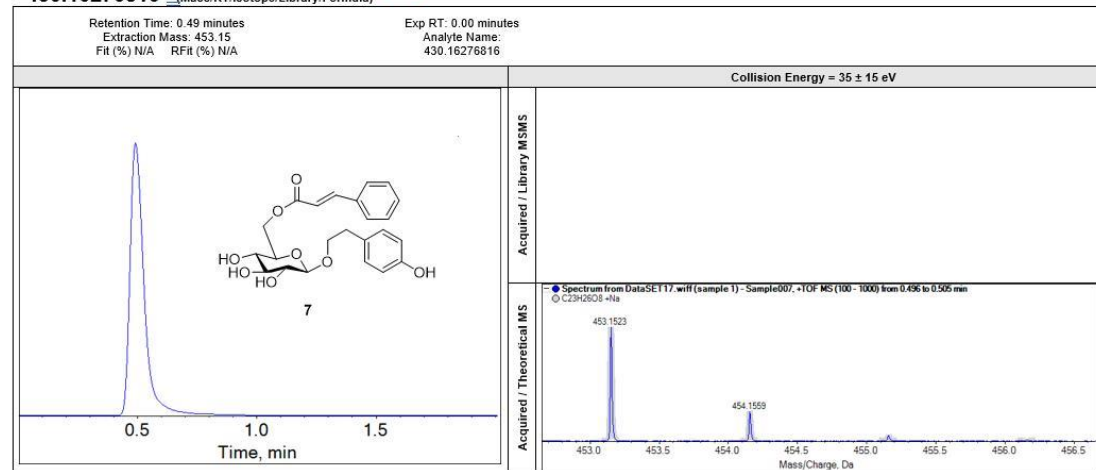
✓✓✓✓	Compound Name (Library Hit)	Score	Formula	Intensity	Threshold	Expected m/z	Found at m/z	Error (ppm)	Expected RT (min)	Found RT (min)	RT Delta (min)	Isotope Diff (%)	Library Score (%)
✓✓✓✓	538.2386824 (EC-3)	97%	C30H38O7S i	1628646	5	561.2279	561.2277	-0.4	0.00	0.86	0.86	1.5%	N/A

**668.28054728** (Mass/RT/Isotope/Library/Formula) ✓✓✓✓



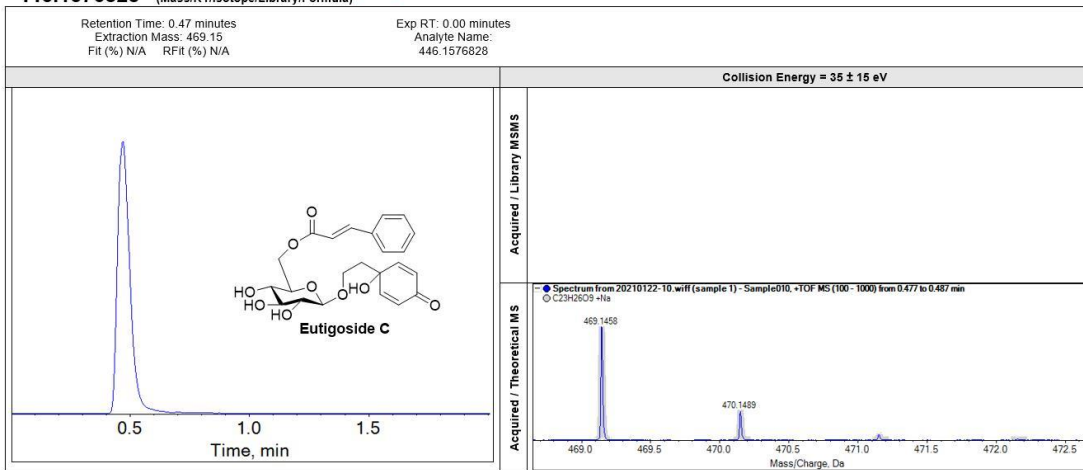
✓✓✓✓	Compound Name (Library Hit)	Score	Formula	Intensity	Threshold	Expected m/z	Found at m/z	Error (ppm)	Expected RT (min)	Found RT (min)	RT Delta (min)	Isotope Diff (%)	Library Score (%)
✓✓✓✓	668.28054728 (EC-4)	95%	C <sub>39</sub> H <sub>44</sub> O <sub>8</sub> Si	1057546	5	691.2698	691.2694	-0.5	0.00	0.94	0.94	3.5%	N/A

**430.16276816** (Mass/RT/Isotope/Library/Formula) ✓✓✓✓



✓✓✓✓	Compound Name (Library Hit)	Score	Formula	Intensity	Threshold	Expected m/z	Found at m/z	Error (ppm)	Expected RT (min)	Found RT (min)	RT Delta (min)	Isotope Diff (%)	Library Score (%)
✓✓✓✓	430.16276816 (EC-5)	97%	C <sub>23</sub> H <sub>26</sub> O <sub>8</sub>	814048	5	453.1520	453.1523	0.7	0.00	0.49	0.49	0.7%	N/A

446.1576828 (Mass/RT/Isotope/Library/Formulation) ✓✓✓



	Compound Name (Library Hit)	Score	Formula	Intensity	Threshold	Expected m/z	Found at m/z	Error (ppm)	Expected RT (min)	Found RT (min)	RT Delta (min)	Isotope Diff (%)	Library Score (%)
✓✓✓✓✓	446.1576828 (No Acquired MSMS)	87%	C <sub>23</sub> H <sub>26</sub> O <sub>9</sub>	613888	50	469.1469	469.1458	-2.3	0.00	0.47	0.47	0.8%	N/A