

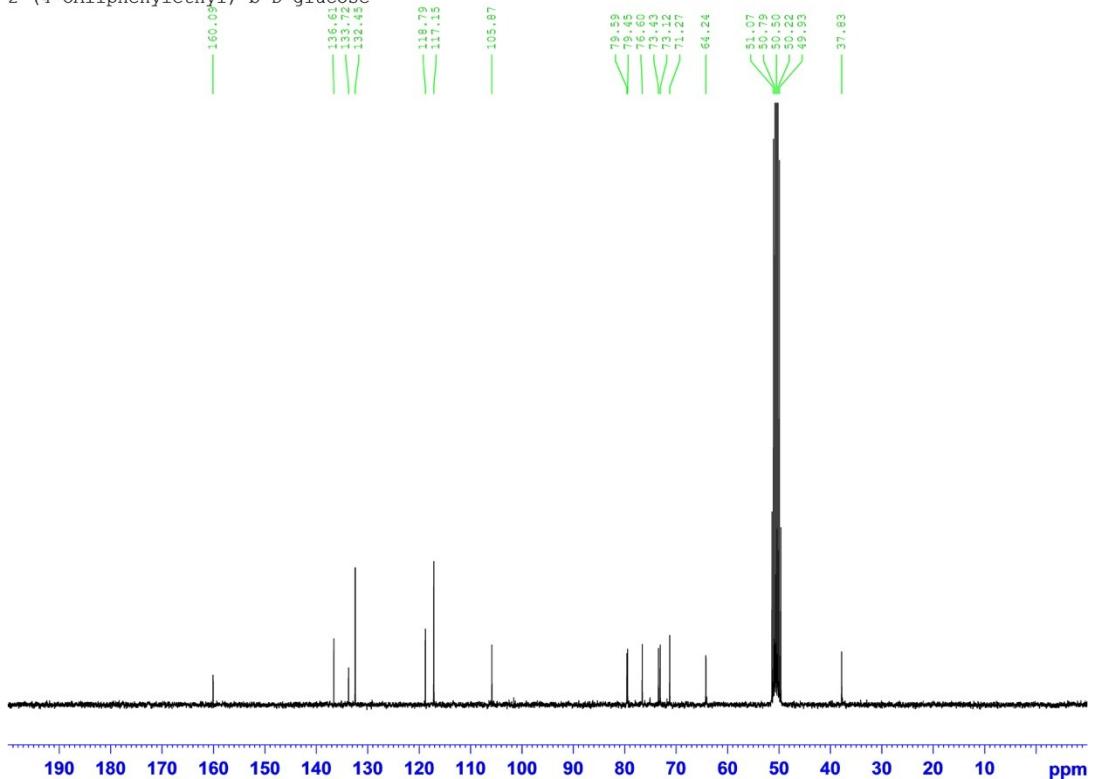
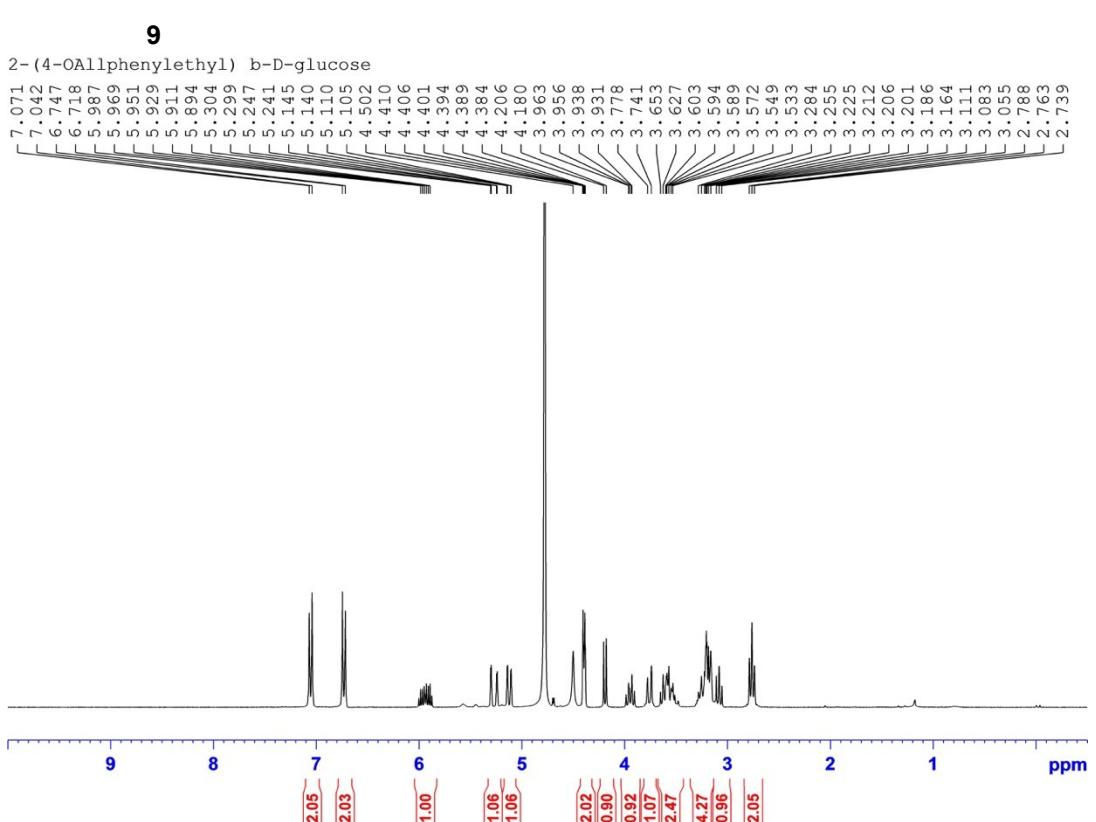
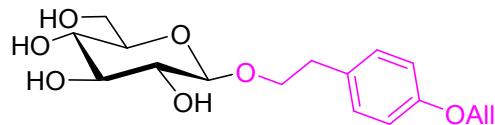
**Total synthesis of phenylpropanoid glycoside osmanthuside-B<sub>6</sub> facilitated by double isomerisation of glucose-rhamnose orthoesters**

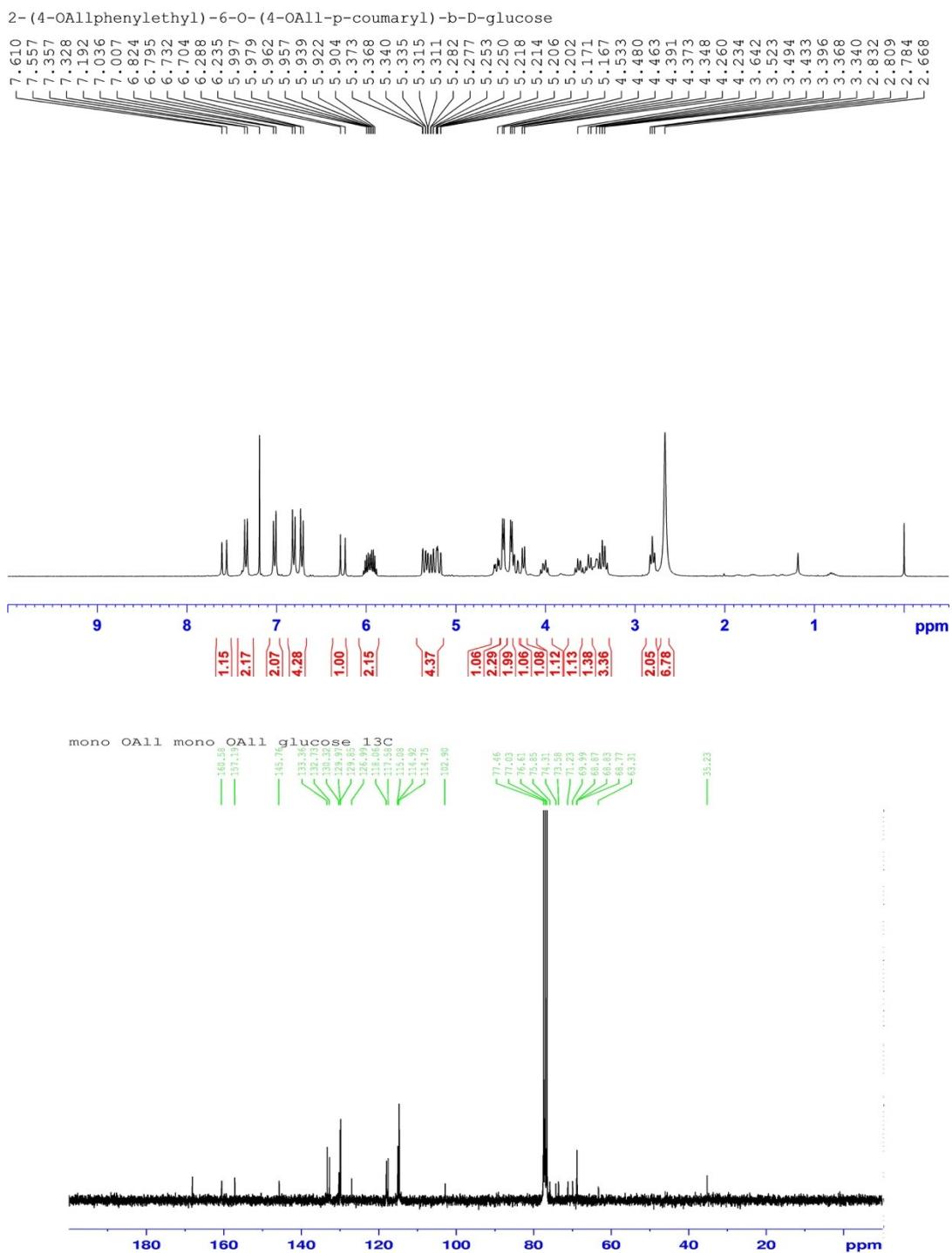
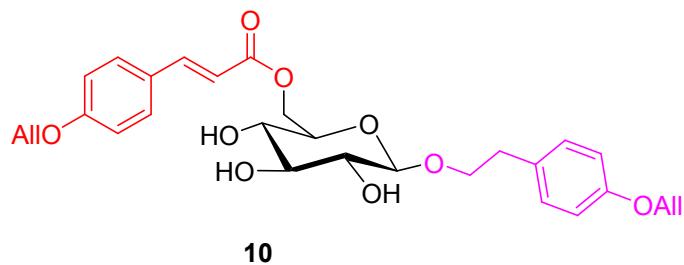
**Duc Thinh Khong, Zaher M. A. Judeh\***

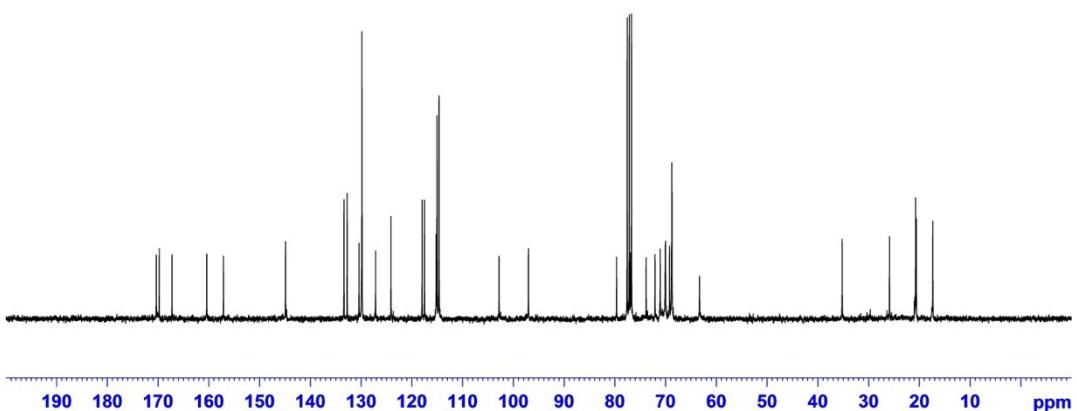
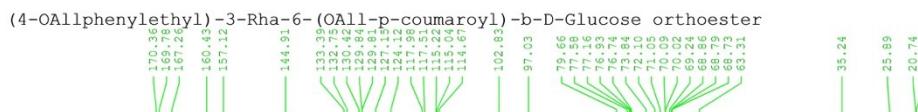
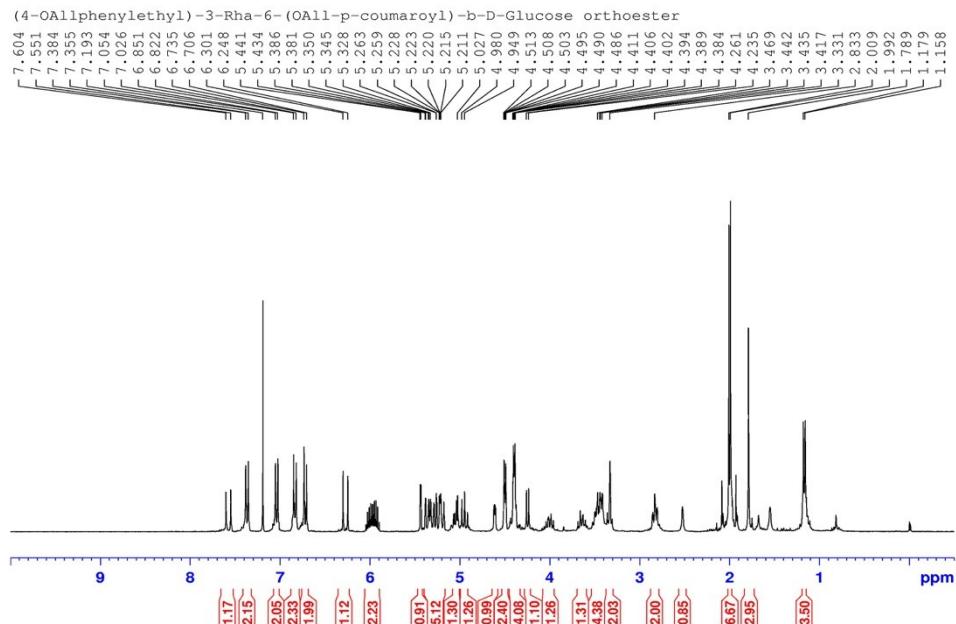
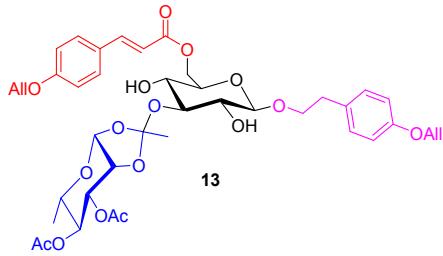
School of Chemical and Biomedical Engineering, Nanyang Technological University, 62 Nanyang Drive, N1.2–B1-14, Singapore 637459  
[zaher@ntu.edu.sg](mailto:zaher@ntu.edu.sg)

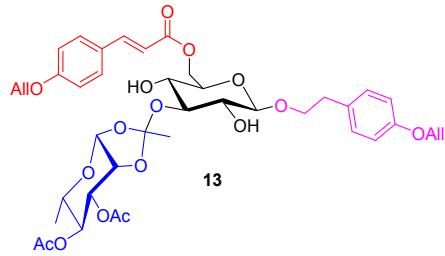
**Supporting Information**

<sup>1</sup>H, <sup>13</sup>C and selected COSY of compounds **1, 9, 10, 13 - 21**

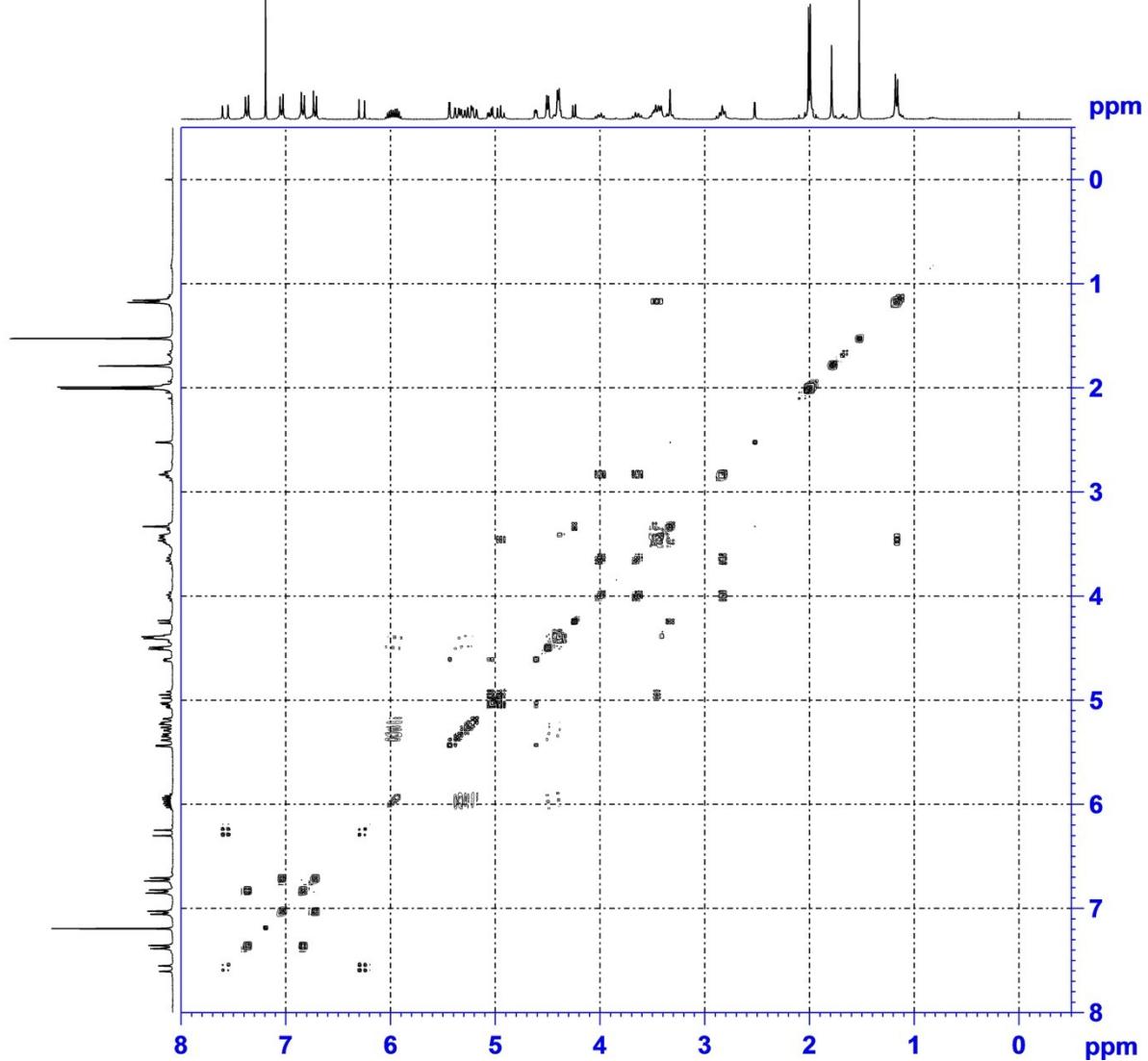


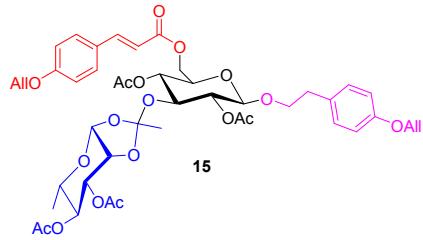




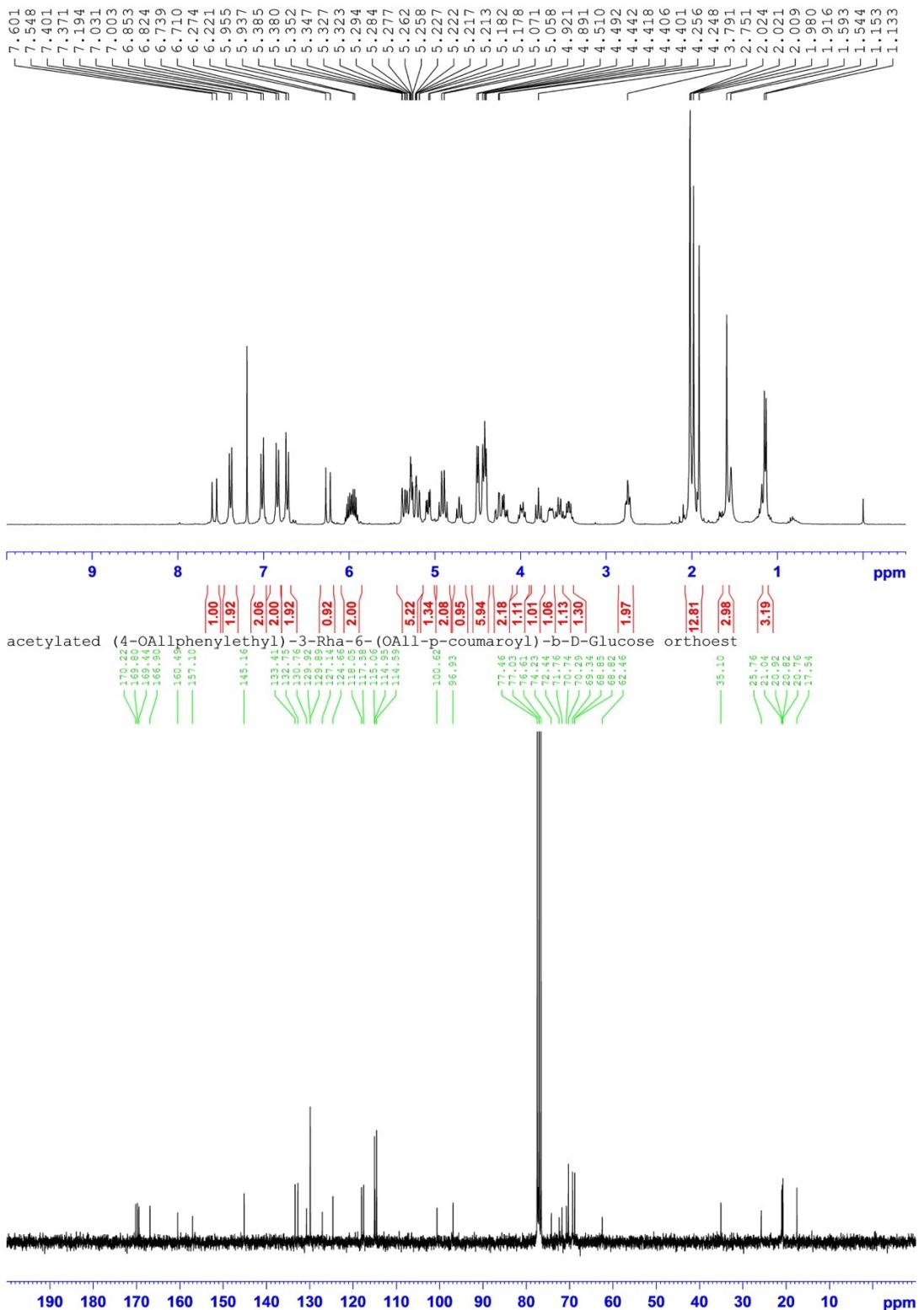


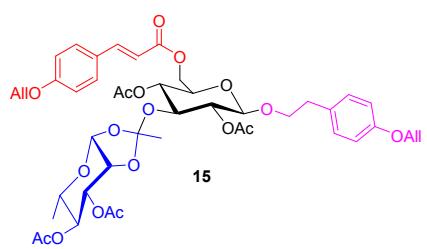
(4-OAllphenylethyl)-3-Rha-6-(OAll-p-coumaroyl)- $\beta$ -D-Glucose orthoester 1



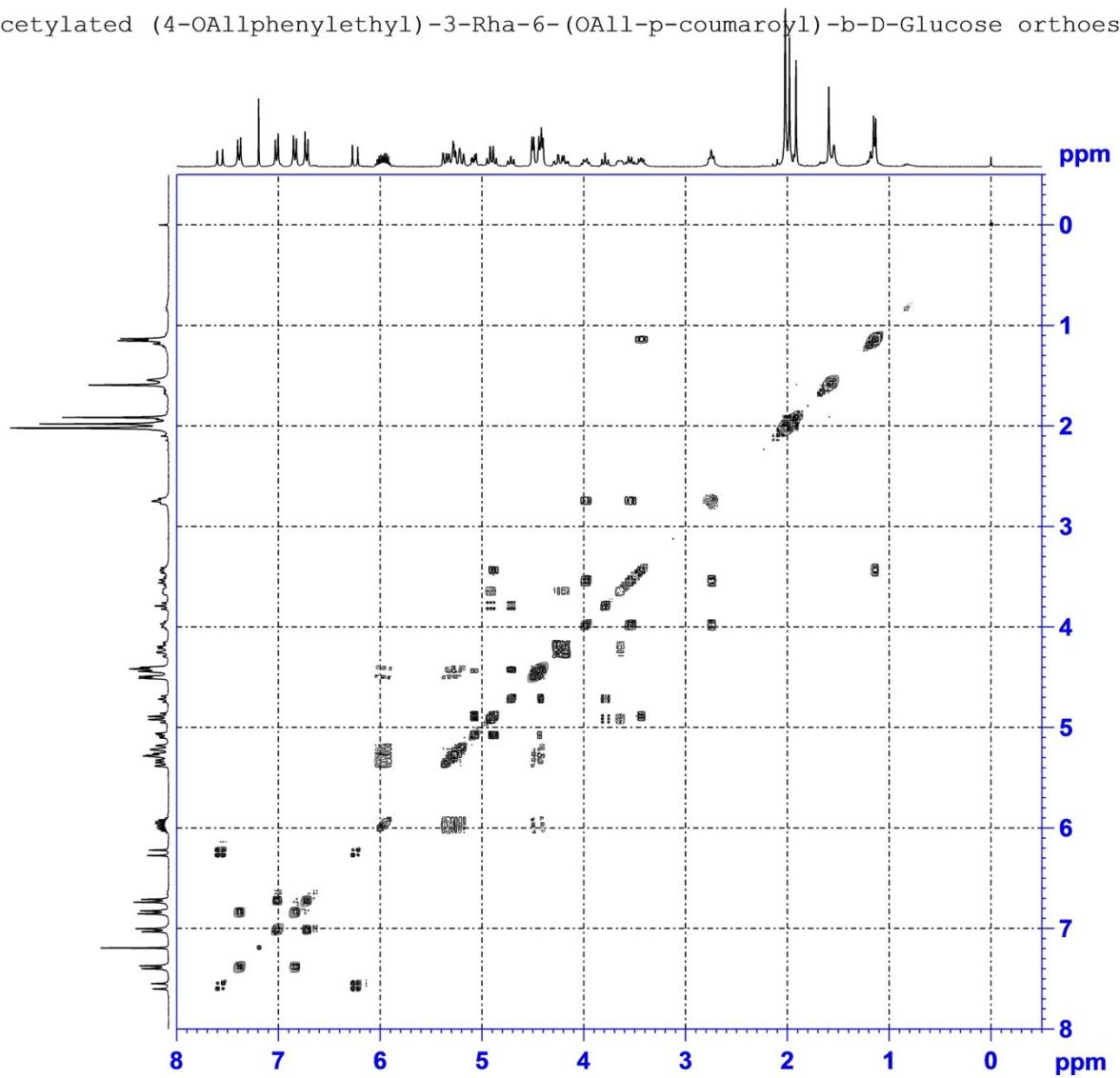


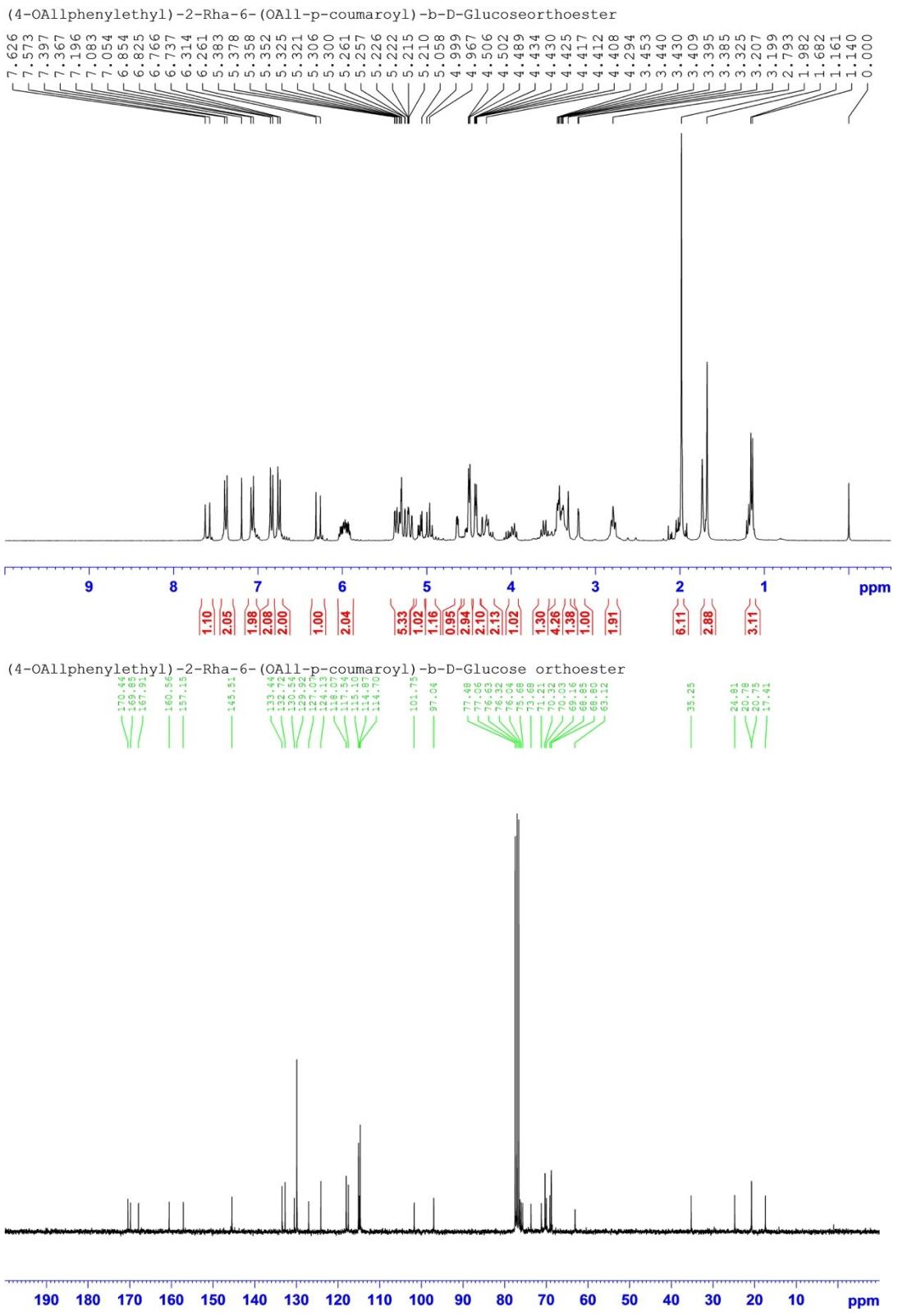
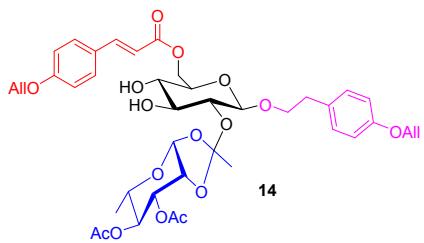
acetylated (4-OAllphenylethyl)-3-Rha-6-(OAll-p-coumaroyl)- $\beta$ -D-Glucose orthoest

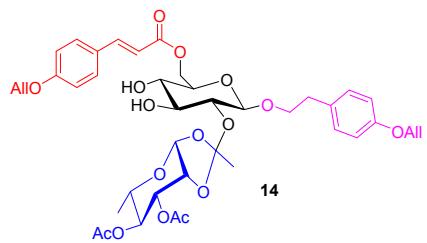




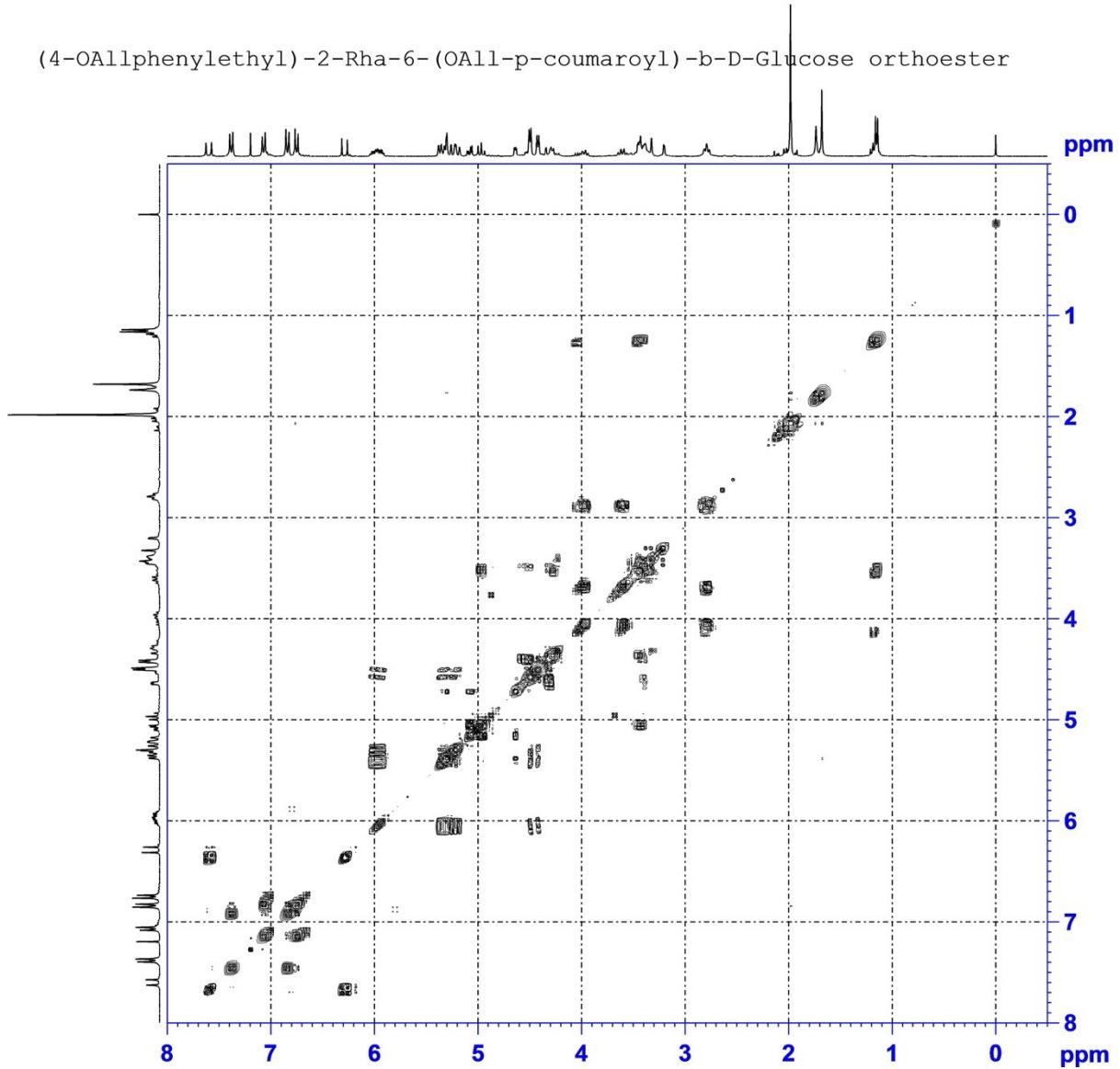
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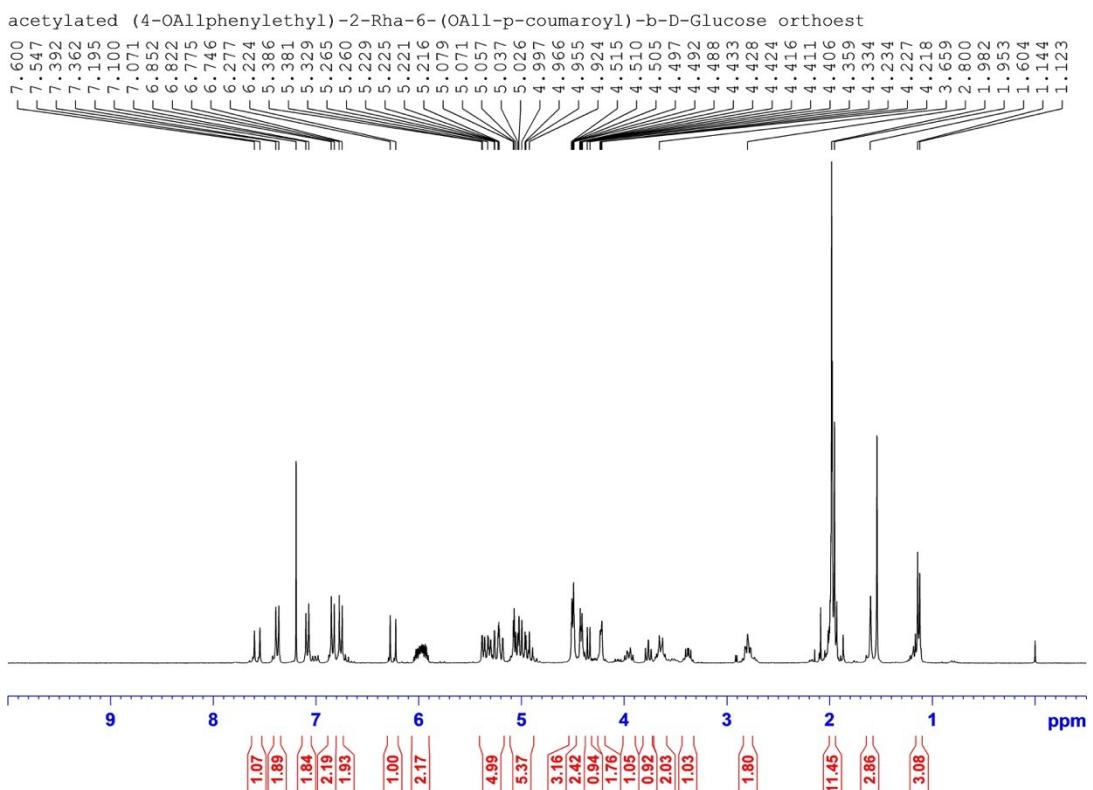
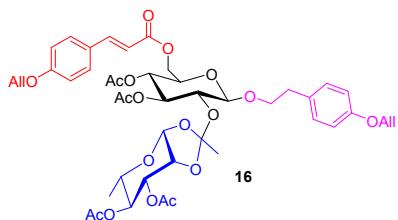




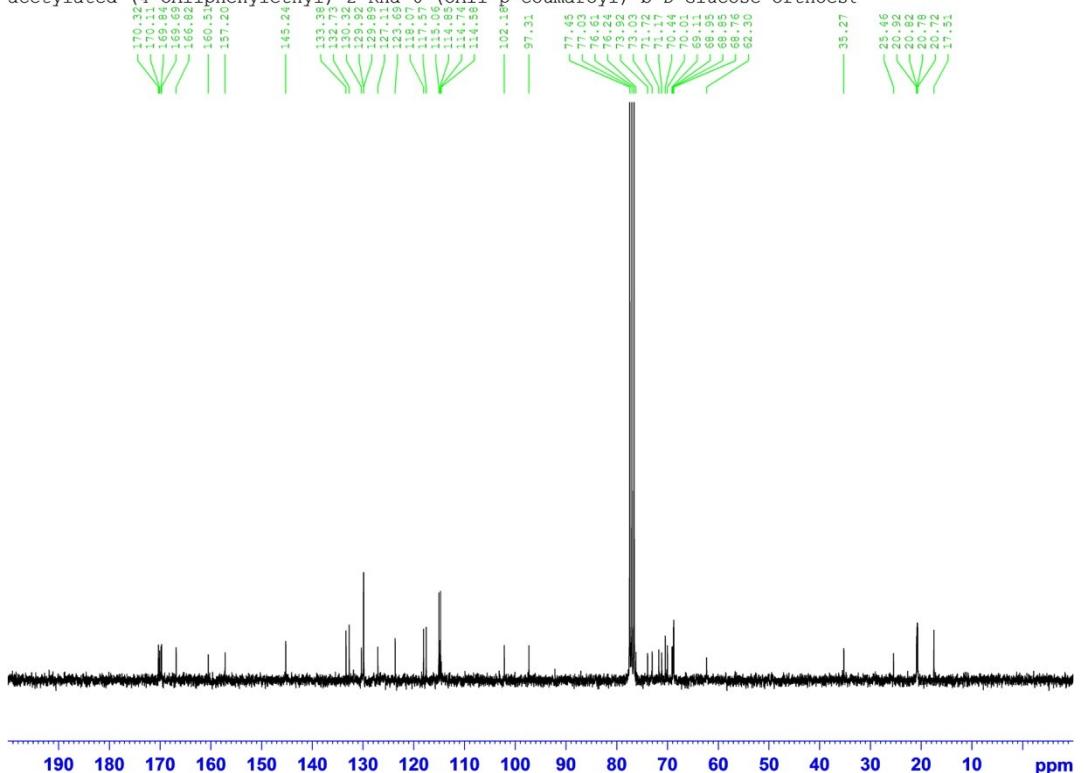


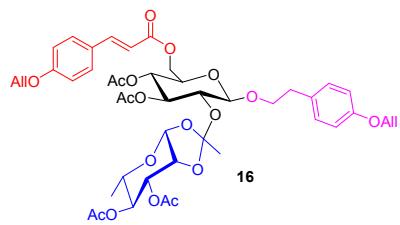
(4-OAllphenylethyl)-2-Rha-6-(OAll-p-coumaroyl)-*b*-D-Glucose orthoester



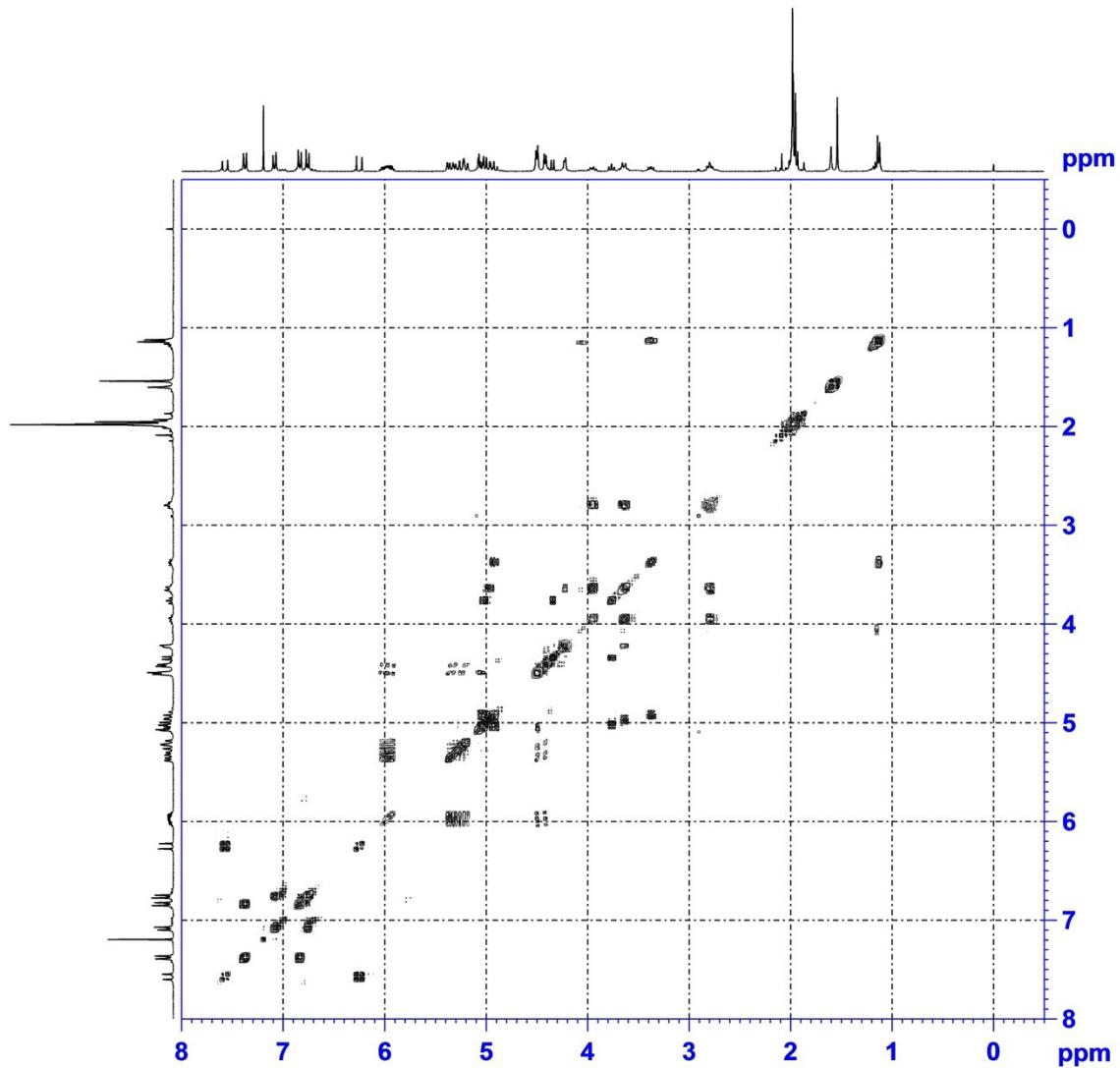


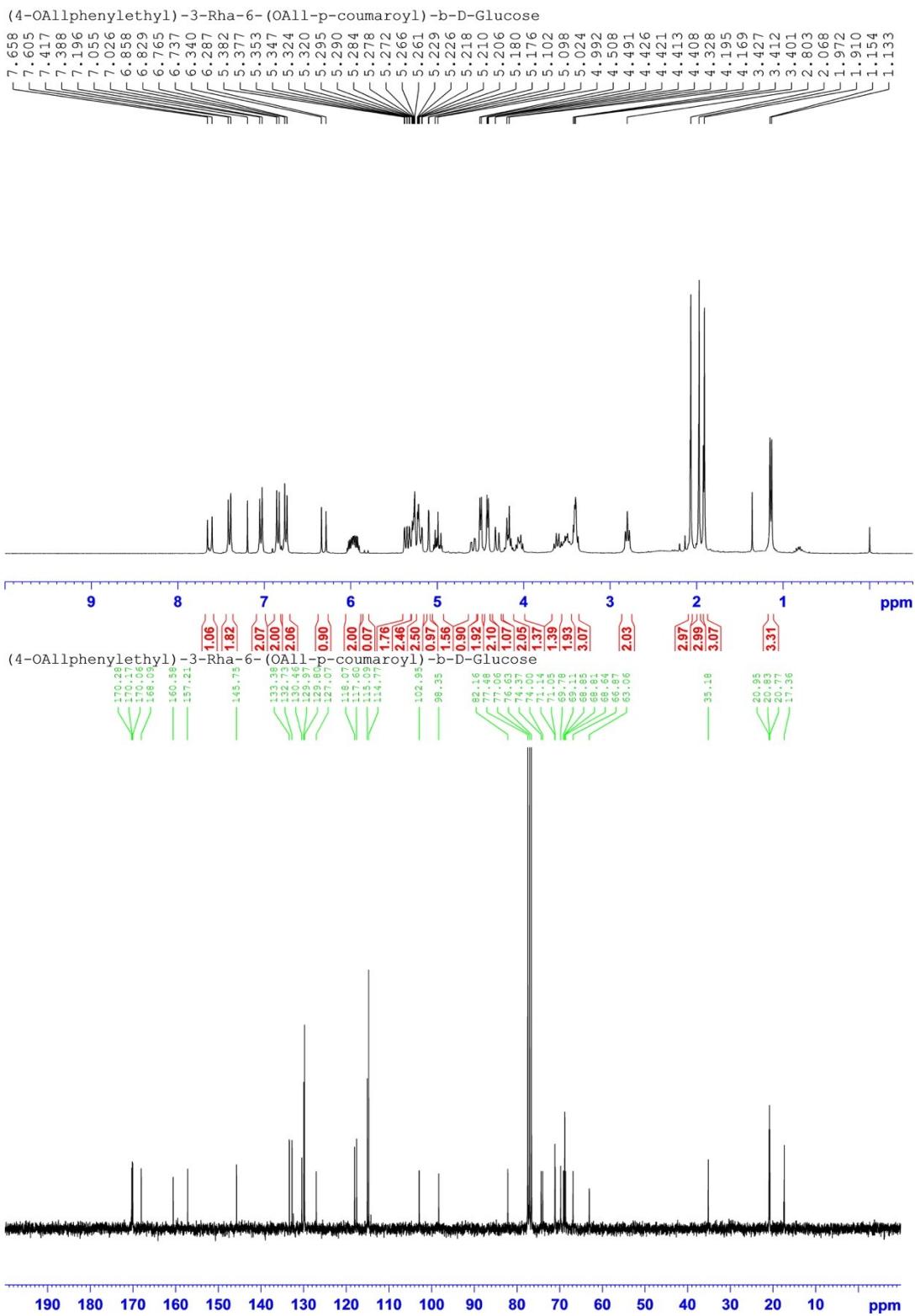
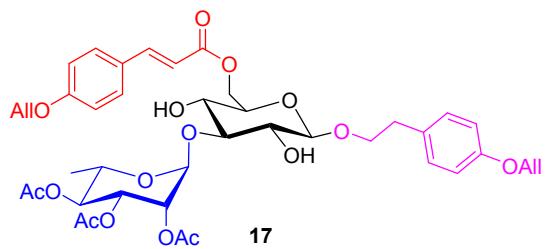
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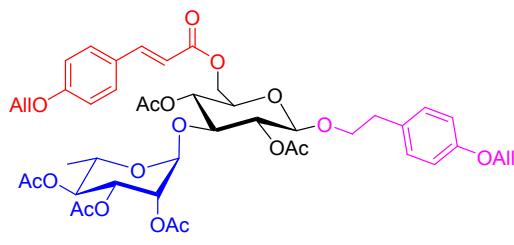




acetylated (4-OAllphenylethyl)-2-Rha-6-(OAll-p-coumaroyl)- $\beta$ -D-Glucose orthoest

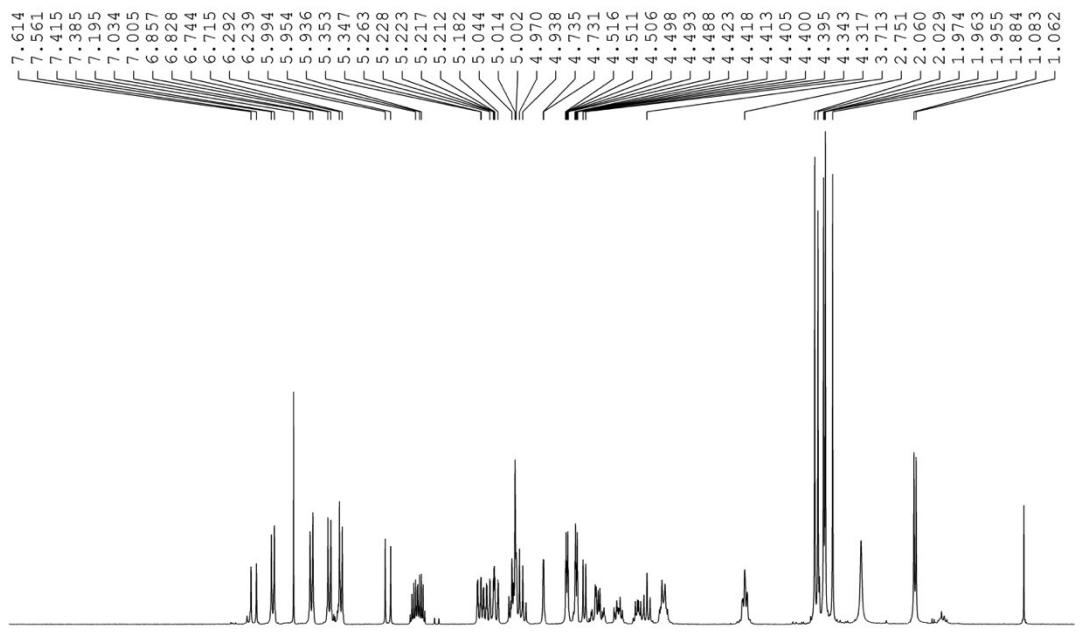




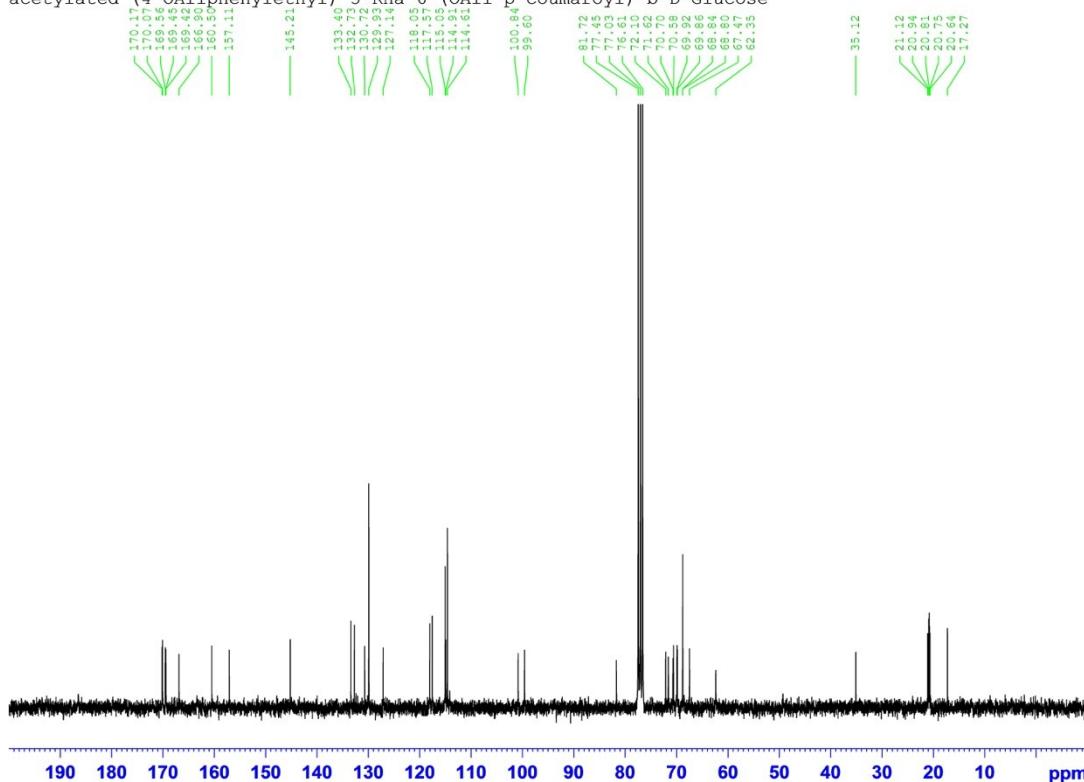


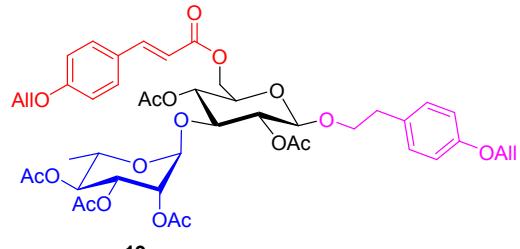
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acetylated (4-O-*Allyl*phenylethyl)-3-Rha-6-(O-*Allyl*-p-coumaroyl)-*b*-D-Glucose

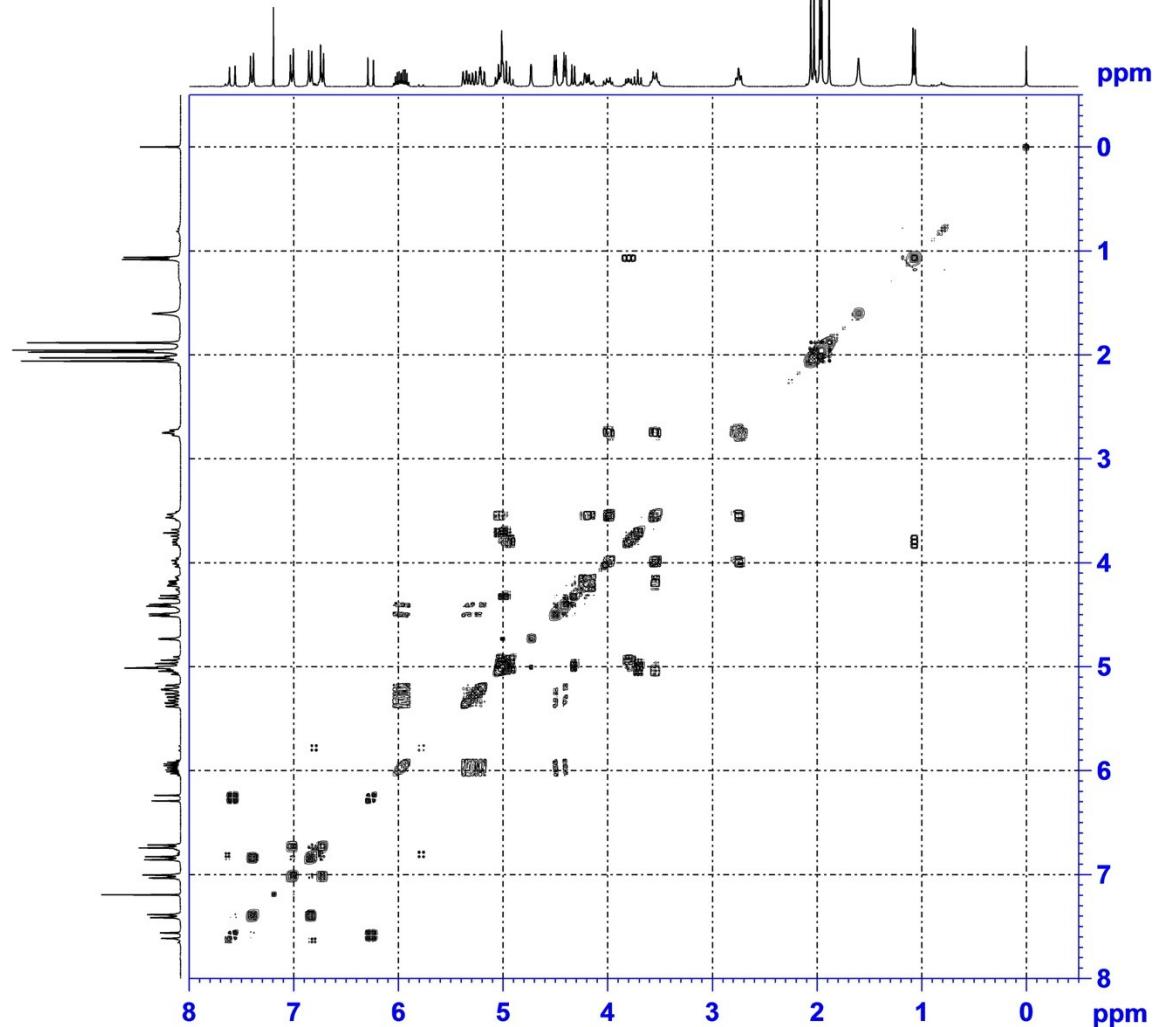


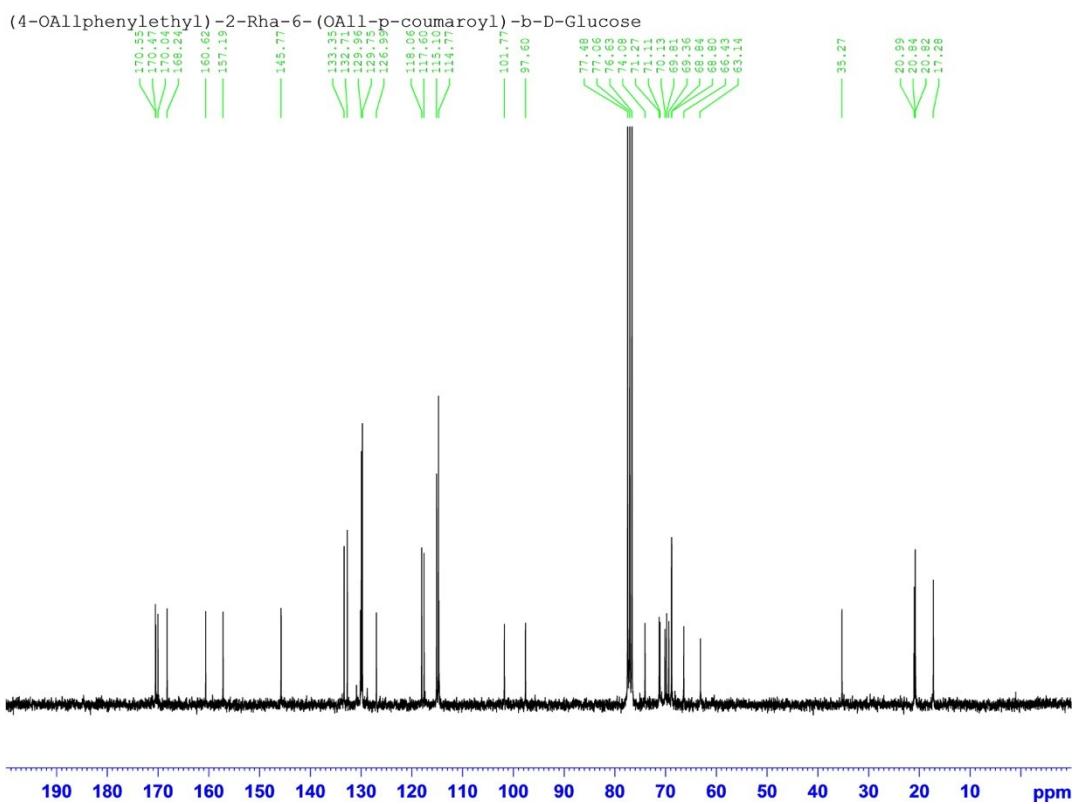
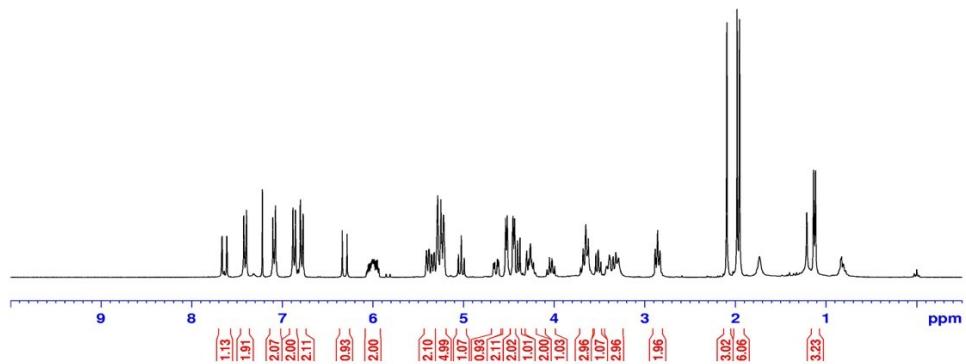
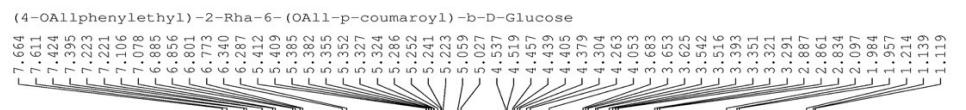
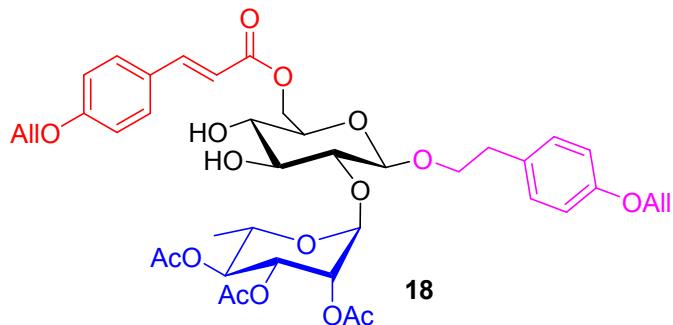
acetylated (4-OAllphenylethyl)-3-Rha-6-(OA)<sub>1</sub>-p-coumaroyl)-b-D-Glucose

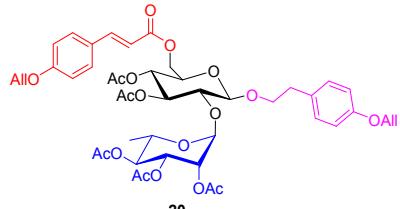




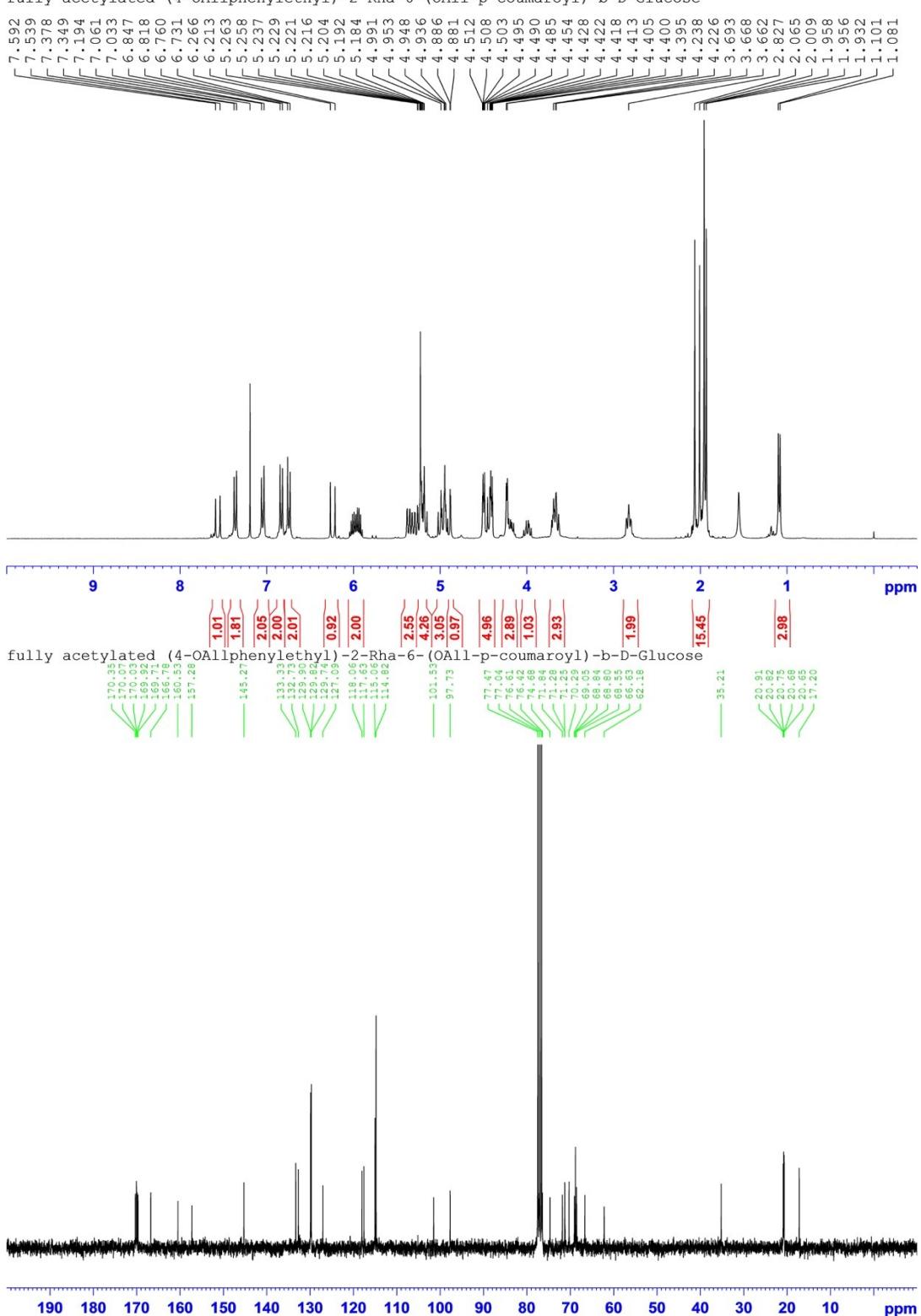
acetylated (4-OAllphenylethyl)-3-Rha-6-(OAll-p-coumaroyl)-*b*-D-Glucose

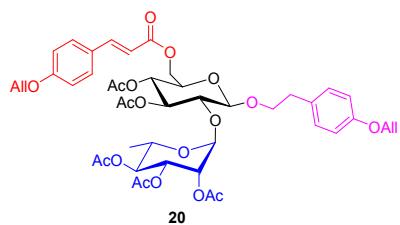






fully acetylated (4-OAllphenylethyl)-2-Rha-6-(OAll-p-coumaroyl)- $\beta$ -D-Glucose





fully acetylated (4-OAllphenylethyl)-2-Rha-6-(OAll-p-coumaroyl)-*b*-D-Glucose

