

Supplementary materials

Synthesis of Tyrosol and Hydroxytyrosol Glycofuranosides and Their Biochemical and Biological Activities in Cell-free and Cellular Assays

Peter Kis ¹, Eva Horváthová ², Eliška Gálová ³, Andrea Ševčovičová ³, Veronika Antalová ³,
Elena Karnišová Potocká ¹, Vladimír Mastihuba ¹ and Mária Mastihubová ^{1,*}

¹ Institute of Chemistry, Slovak Academy of Sciences, 845 38 Bratislava, Slovakia; peter.kis@savba.sk (P.K.); elena.potocka@savba.sk (E.K.P.); vladimir.mastihuba@savba.sk (V.M.)

² Cancer Research Institute, Biomedical Research Center, Slovak Academy of Sciences, 845 05 Bratislava, Slovakia; eva.horvathova@savba.sk

³ Department of Genetics, Faculty of Natural Sciences, Comenius University, 842 15 Bratislava, Slovakia; eliska.galova@uniba.sk (E.G.); andrea.sevcovicova@uniba.sk (A.Š.); veron.antalova@gmail.com (V.A.)

* Correspondence: maria.mastihubova@savba.sk; Tel.: +421-2-59410655

¹H and ¹³C NMR spectra of new synthesized compounds

Figure S1.

¹H NMR of 2-[3,4-Bis(acetoxy)phenyl]ethyl 2,3,5-tri-O-acetyl- α -L-arabinofuranoside

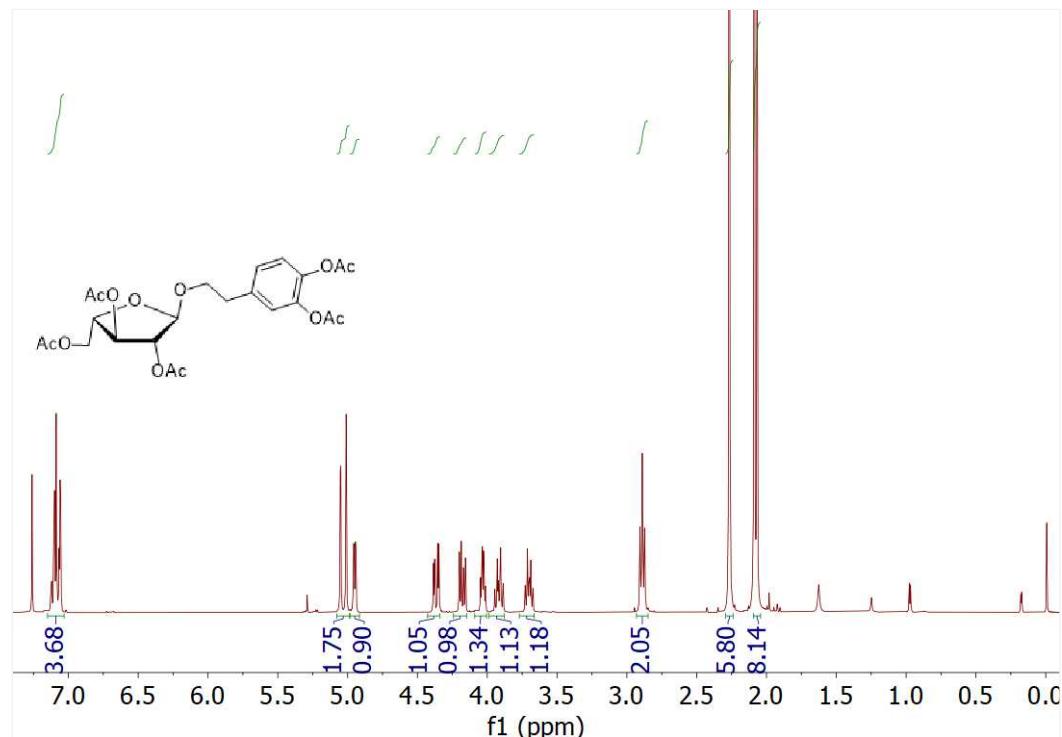


Figure S2.

¹³C NMR of 2-[3,4-Bis(acetoxy)phenyl]ethyl 2,3,5-tri-O-acetyl- α -L-arabinofuranoside

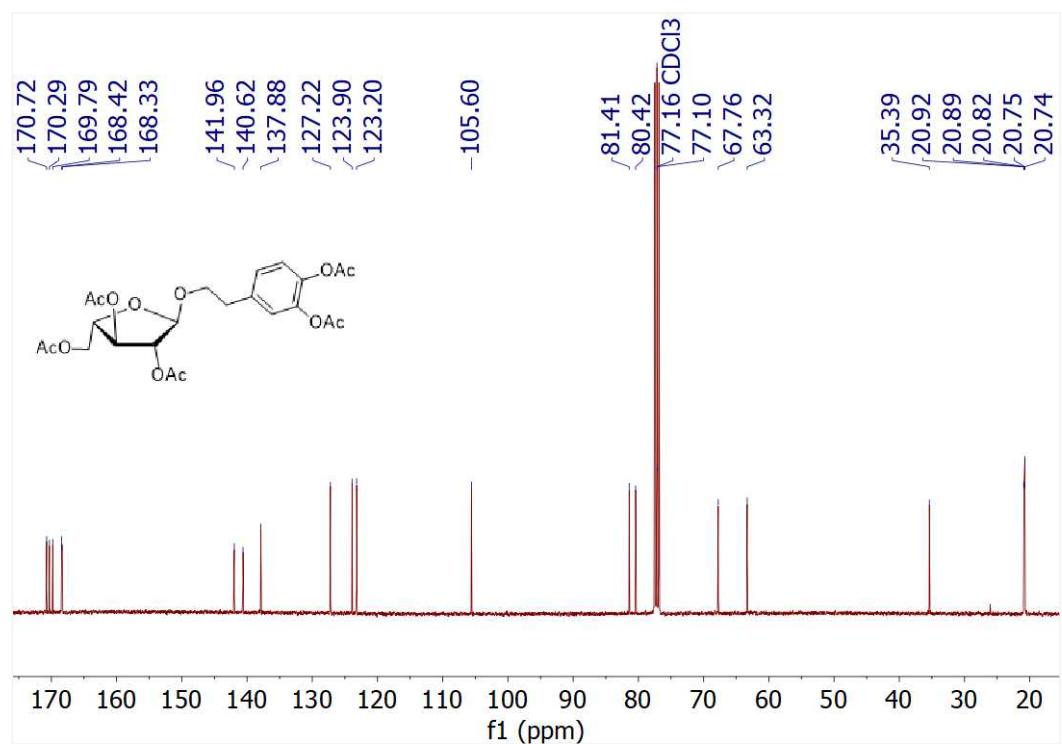
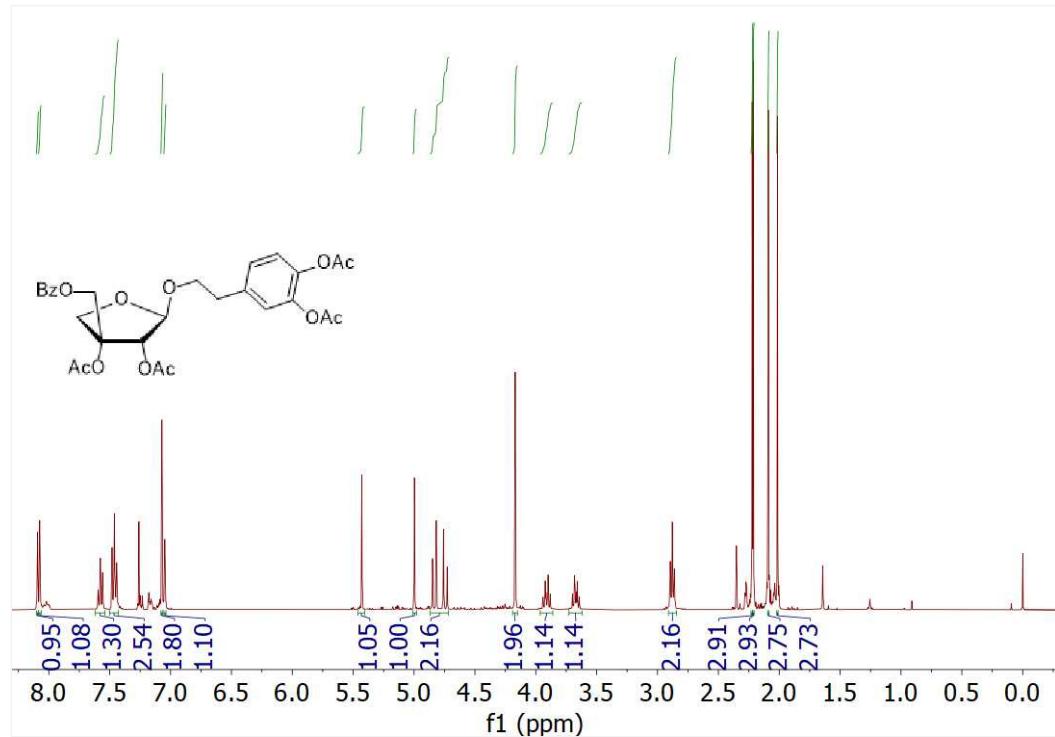


Figure S3.

^1H NMR of 2-[3,4-Bis(acetoxy)phenyl]ethyl 5-O-benzoyl-2,3-di-O-acetyl- β -D-apiofuranoside

**Figure S4.**

^{13}C NMR of 2-[3,4-Bis(acetoxy)phenyl]ethyl 5-O-benzoyl-2,3-di-O-acetyl- β -D-apiofuranoside

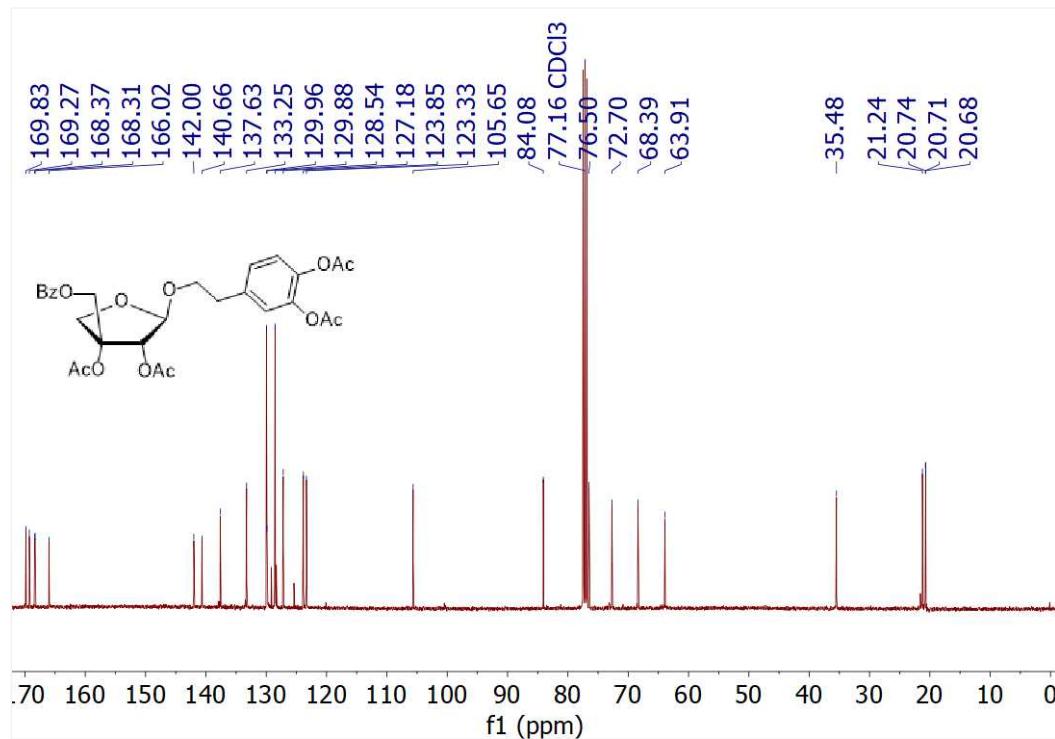


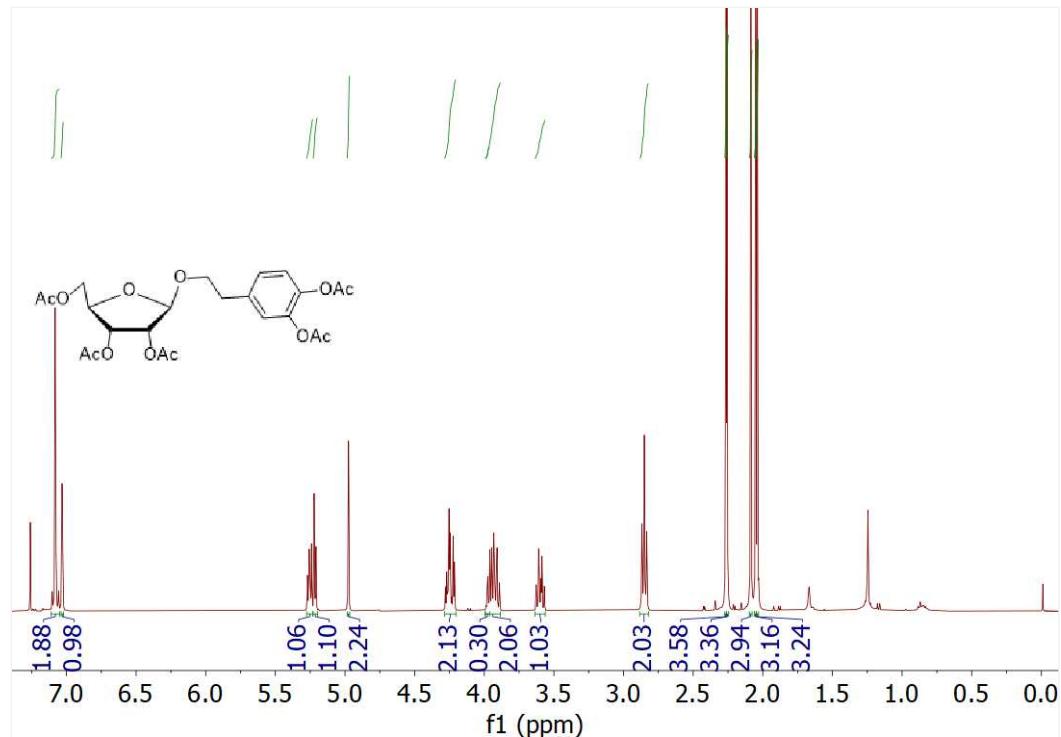
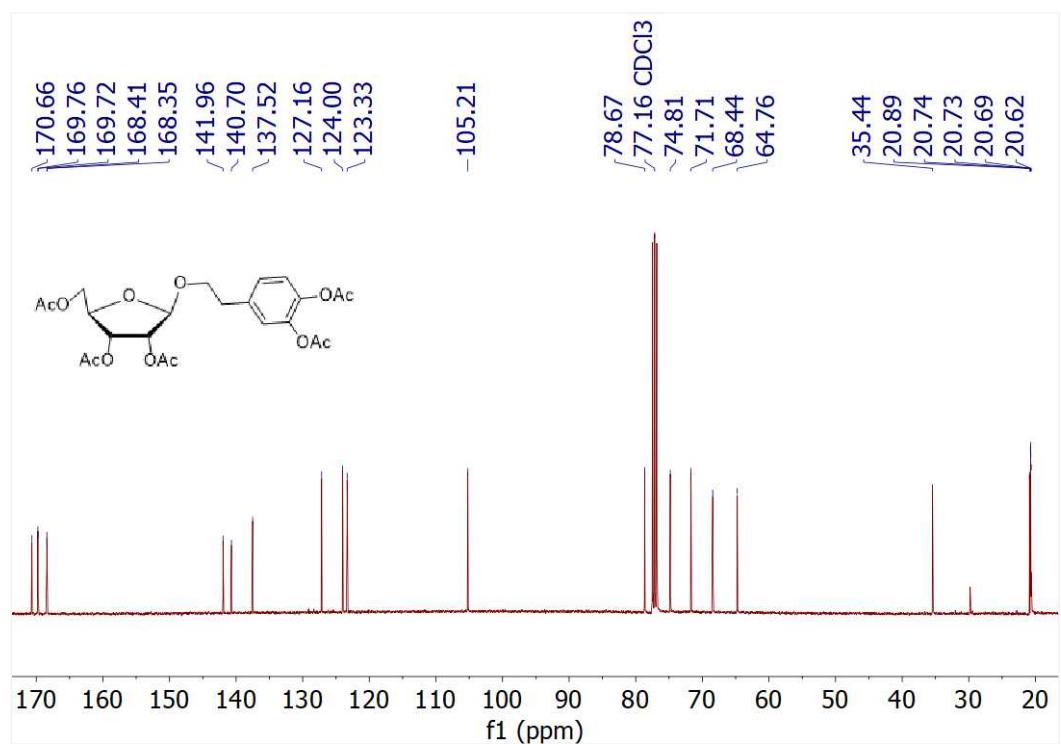
Figure S5.¹H NMR of 2-[3,4-Bis(acetoxy)phenyl]ethyl 2,3,5-tri-O-acetyl- β -D-ribofuranoside**Figure S6.**¹³C NMR of 2-[3,4-Bis(acetoxy)phenyl]ethyl 2,3,5-tri-O-acetyl- β -D-ribofuranoside

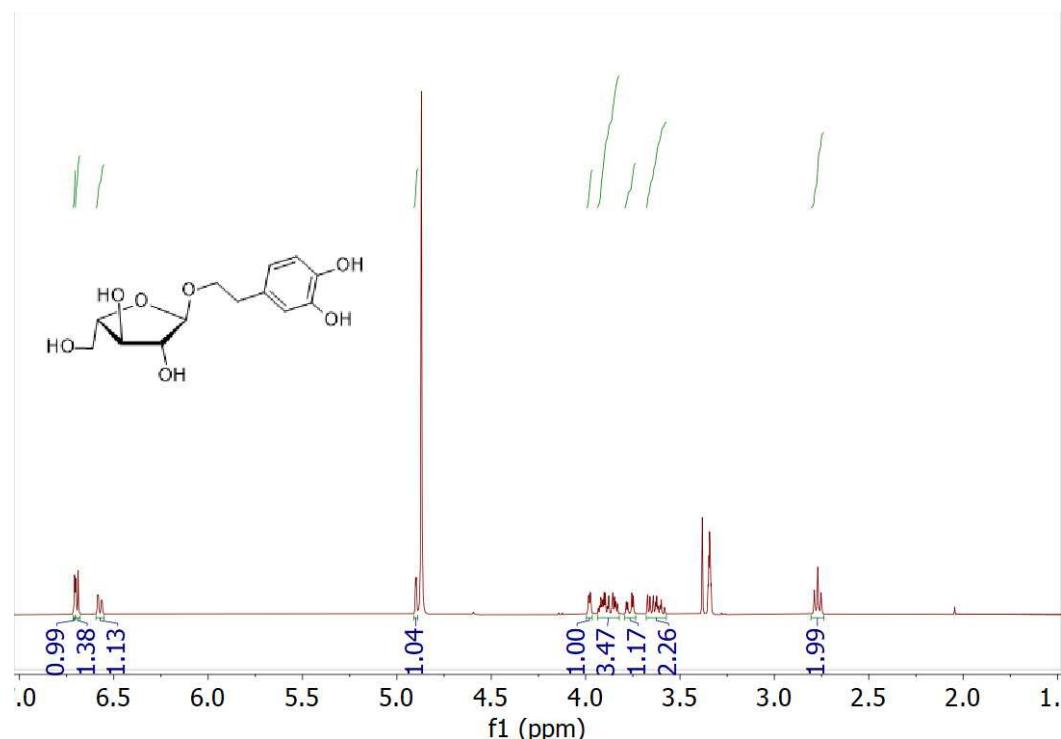
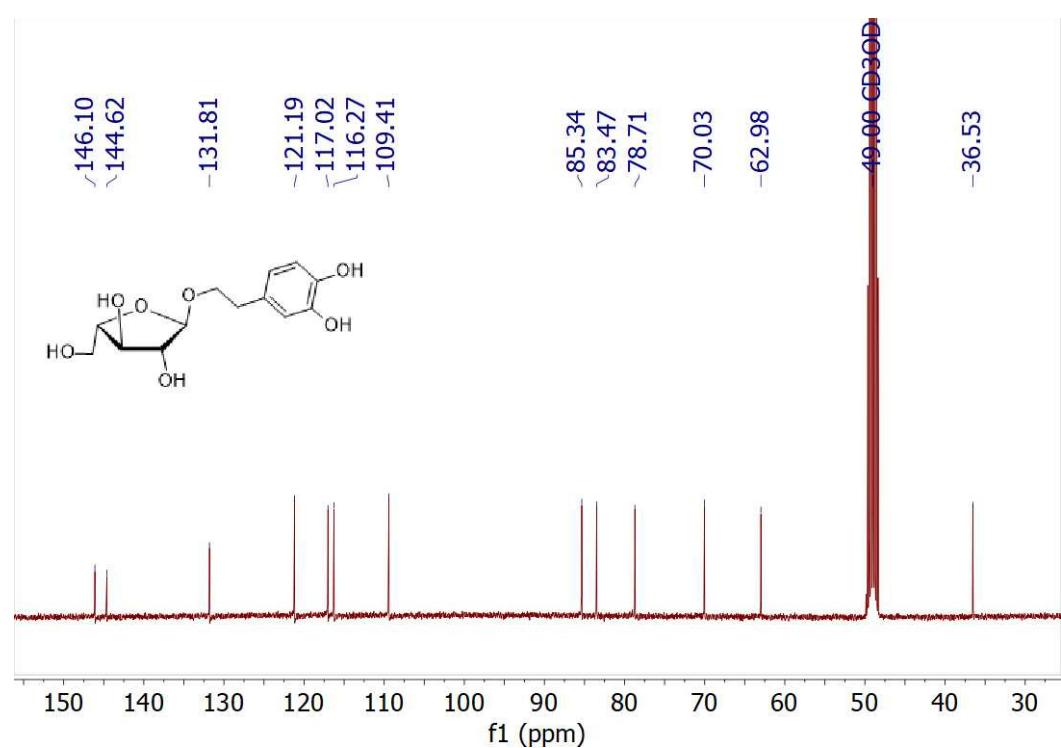
Figure S7.¹H NMR of 2-(3,4-dihydroxyphenyl)ethyl α -L-arabinofuranoside**Figure S8.**¹³C NMR of 2-(3,4-dihydroxyphenyl)ethyl α -L-arabinofuranoside

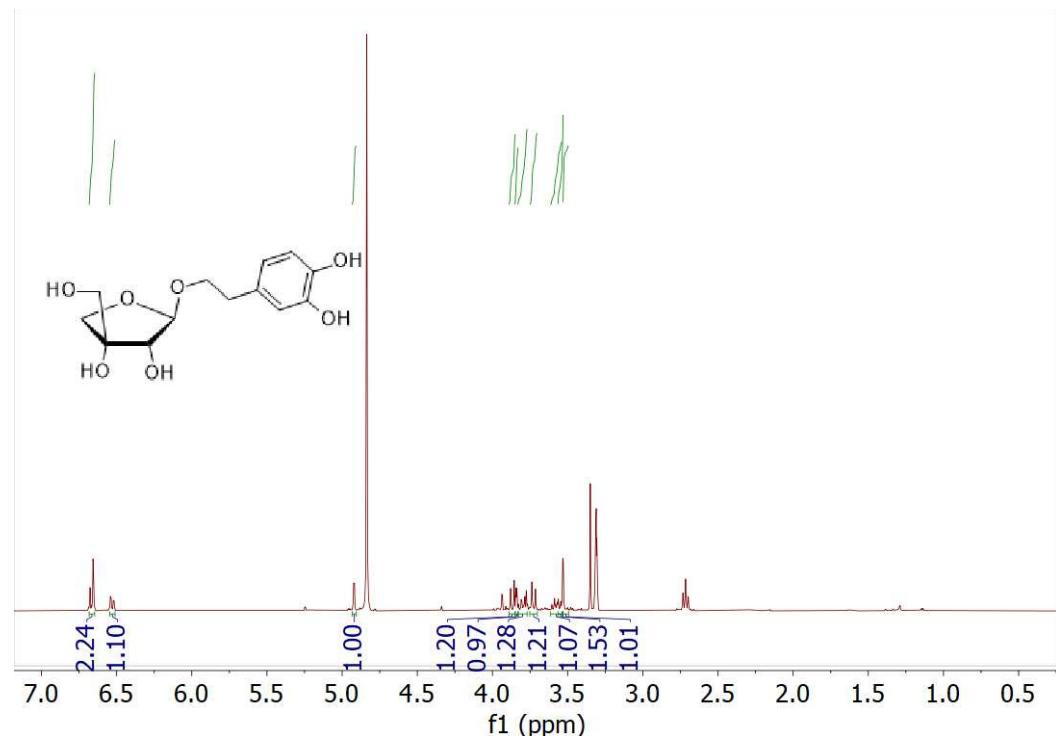
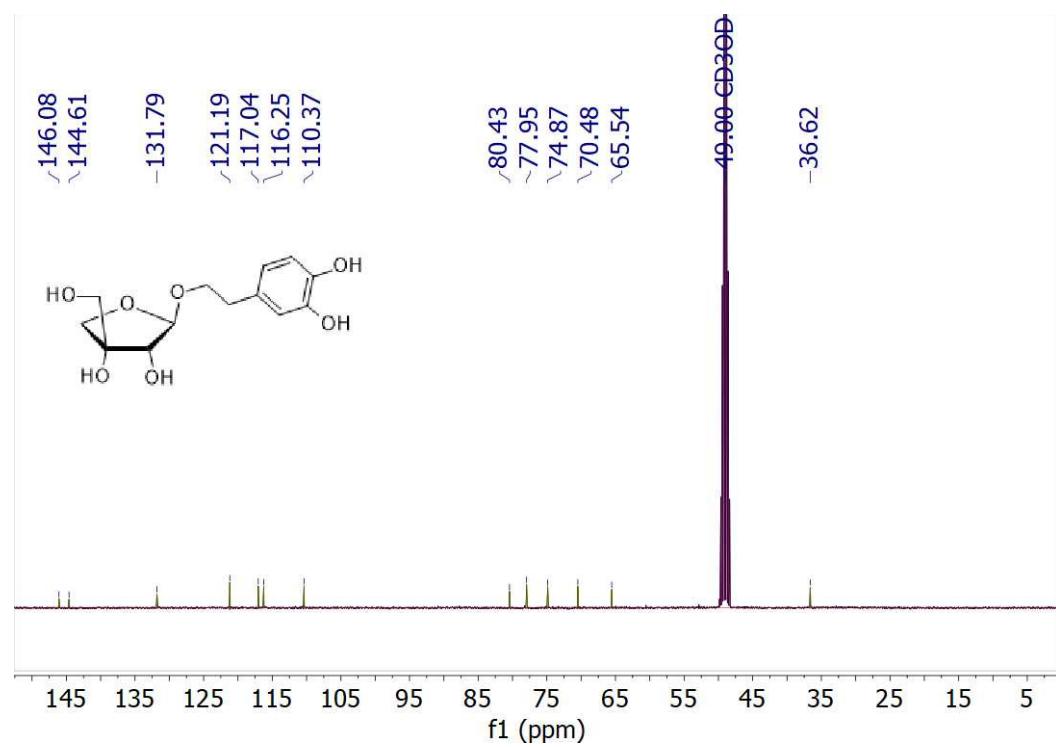
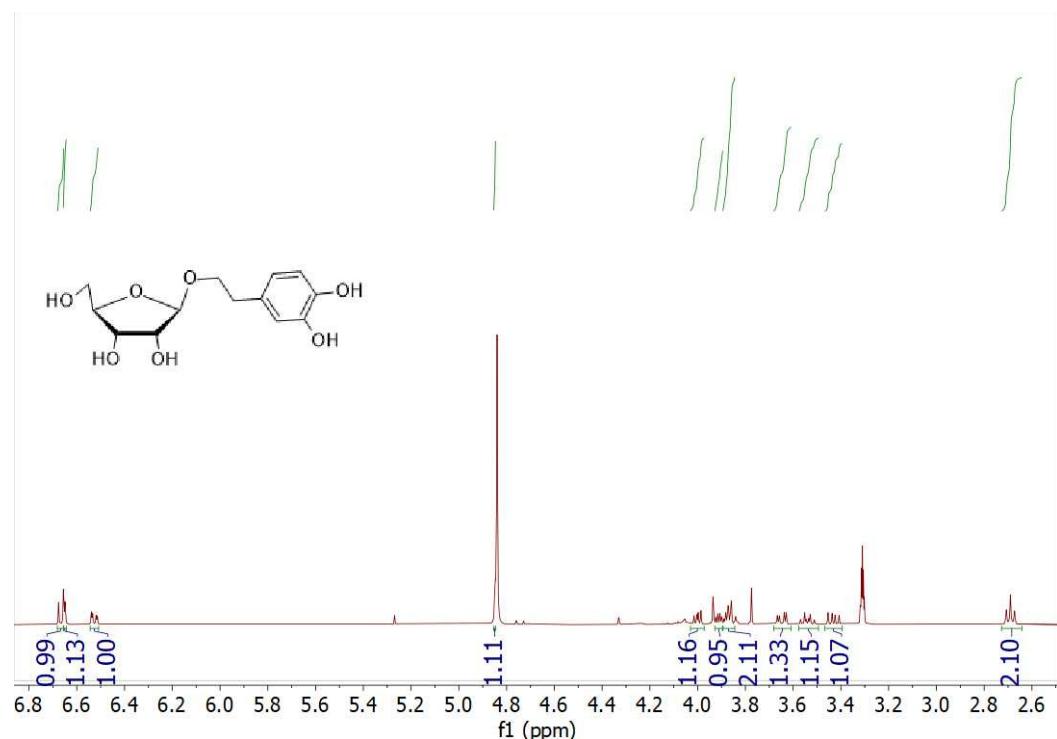
Figure S9.¹H NMR of 2-(3,4-dihydroxyphenyl)ethyl β -D-apiofuranoside**Figure S10.**¹³C NMR of 2-(3,4-dihydroxyphenyl)ethyl β -D-apiofuranoside

Figure S11.¹H NMR of 2-(3,4-dihydroxyphenyl)ethyl β -D-ribofuranoside**Figure S12.**¹³C NMR of 2-(3,4-dihydroxyphenyl)ethyl β -D-ribofuranoside