Supplementary Materials: A novel flavonoid glucoside from the

fruits of Lycium ruthenicun

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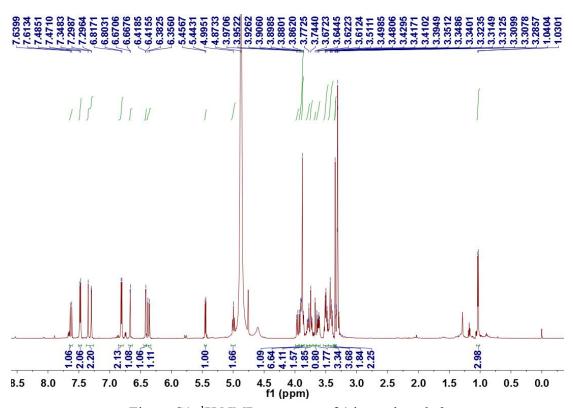


Figure S1. ¹H NMR spectrum of 1 in methanol-d₄

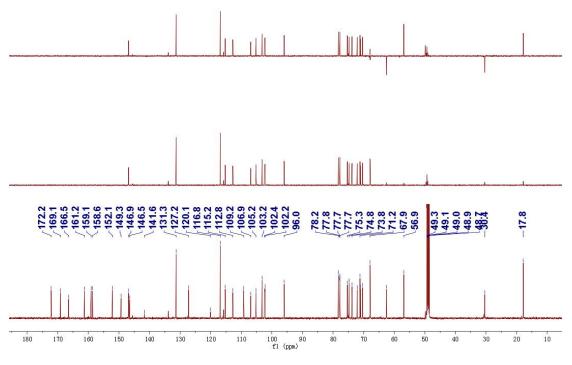


Figure S2. 13 C NMR and DEPT spectra of 1 in methanol- d_4

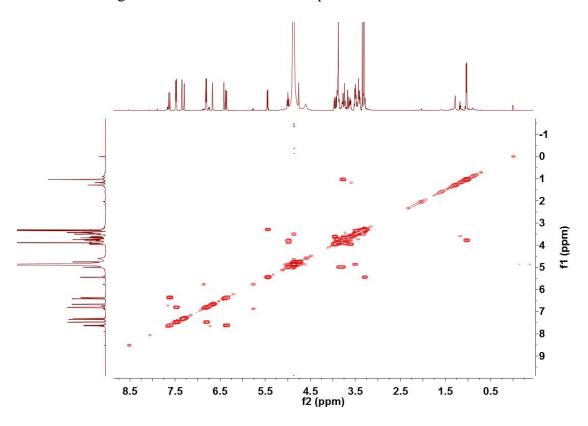


Figure S3. ¹H-¹H COSY spectrum of **1** in methanol-*d*₄

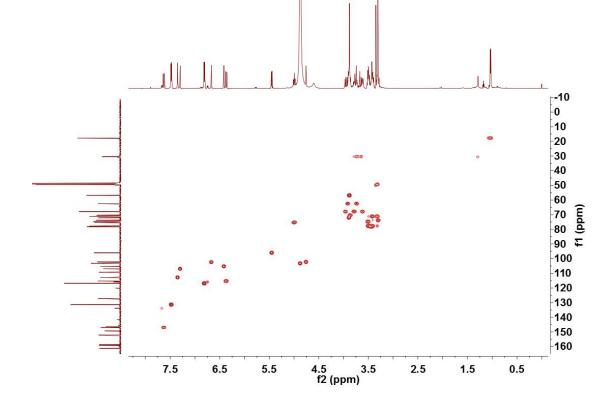


Figure S4. HSQC spectrum of 1 in methanol- d_4

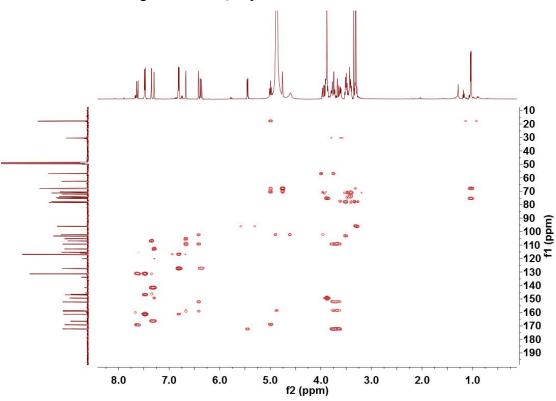


Figure S5. HMBC spectrum of 1 in methanol-d4

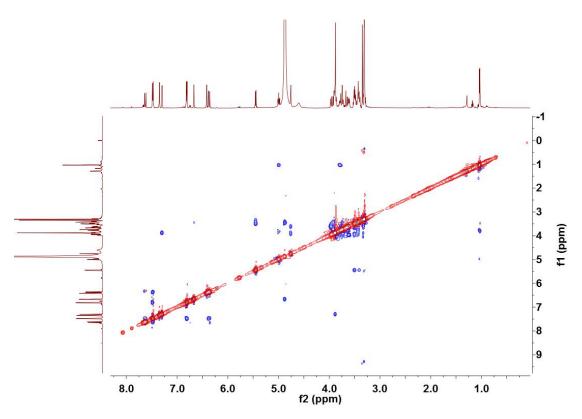
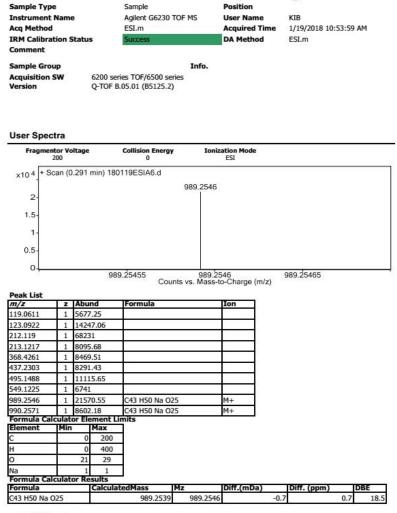


Figure S6. ROESY spectrum of 1 in methanol-d4

Qualitative Analysis Report

180119ESIA6.d



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Data Filename

Figure S7. HRESIMS spectrum of 1

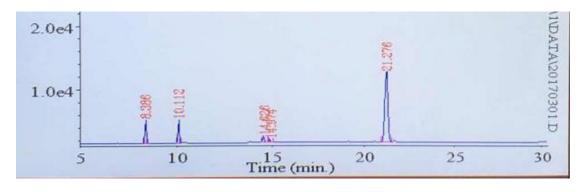


Figure S8. GC analysis of the derivative of D-glucose

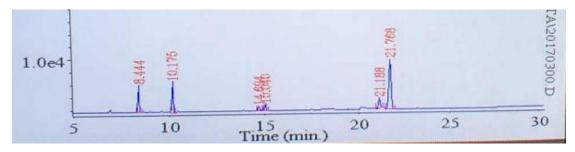


Figure S9. GC analysis of the derivative of L-glucose

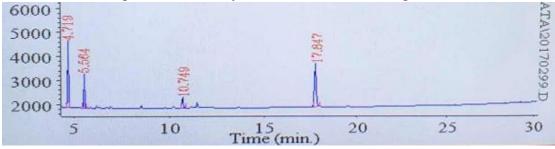


Figure S10. GC analysis of the derivative of L-rhamnose

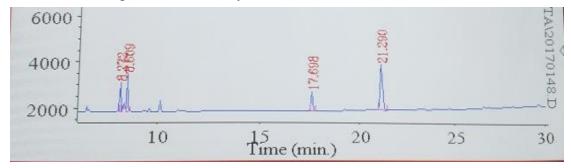


Figure S11. GC analysis of the derivative of compound 1 after hydrolysis

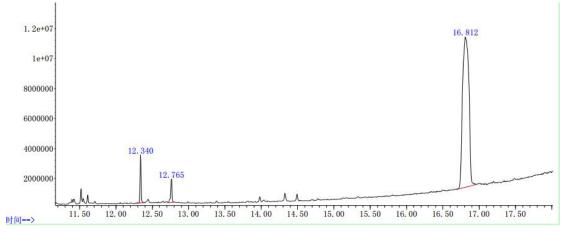


Figure S12. GC/MS analysis of the derivative of L-rhamnose

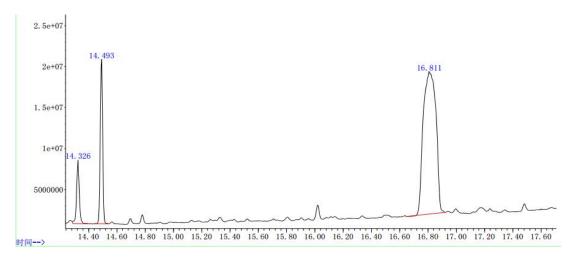


Figure S13. GC/MS analysis of the derivative of compound 1 after hydrolysis

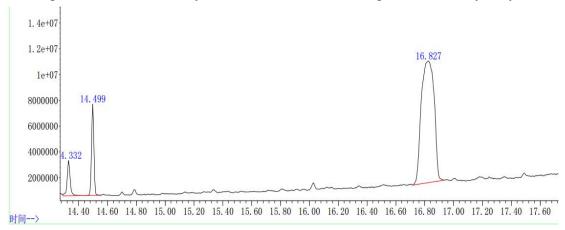


Figure S14. GC/MS analysis of the mixture of L-rhamnose with 1 after hydrolysis