

Supplementary Data

Phytochemistry and cytotoxicity of *Asphodelus aestivus* Brot., growing in Libya

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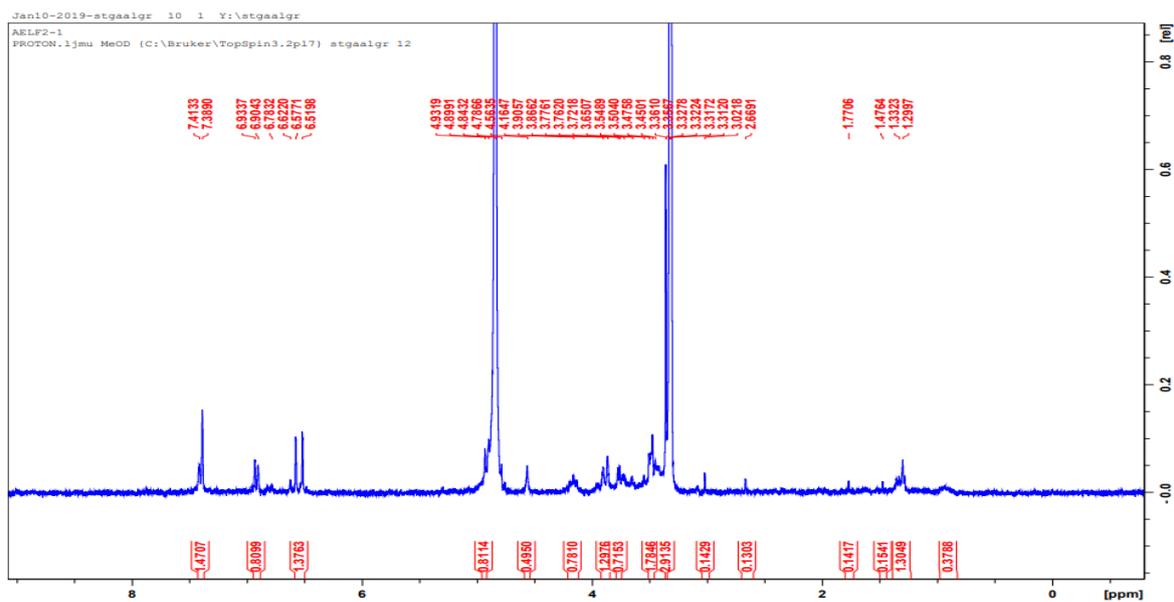


Figure S1: ^1H NMR spectrum (600 MHz, CD_3OD) of Quercetin 7-O-rhamnoside (**1**)

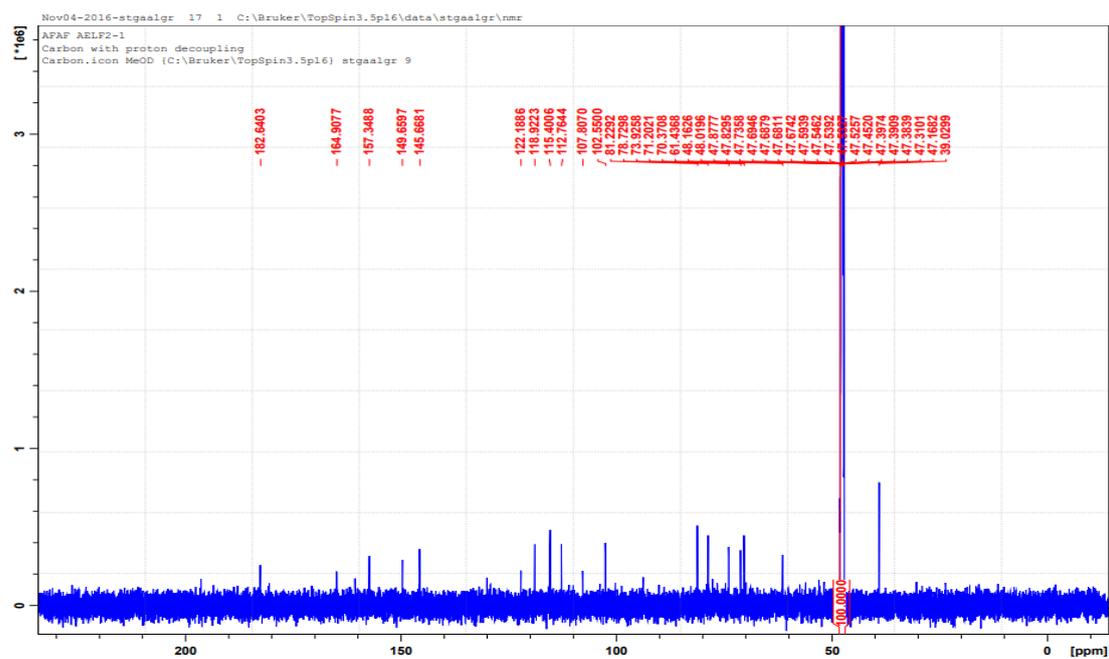


Figure S2: ^{13}C NMR spectrum (75 MHz, CD_3OD) of Quercetin 7-O-rhamnoside (**1**)

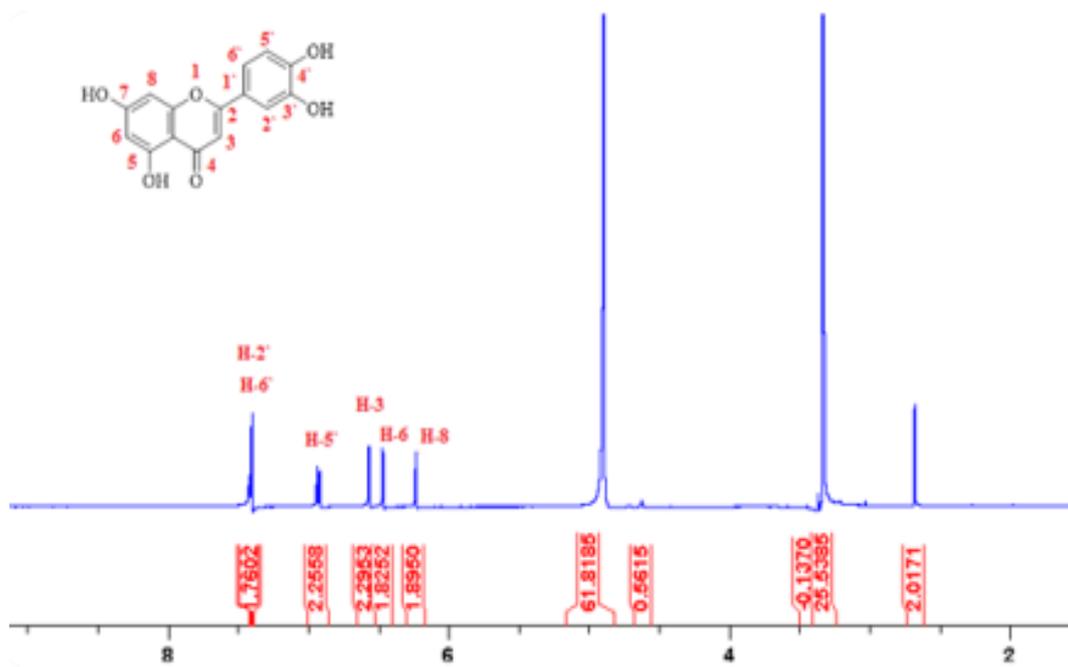


Figure S3: ¹H NMR spectrum (600 MHz, CD₃OD) of luteolin (2)

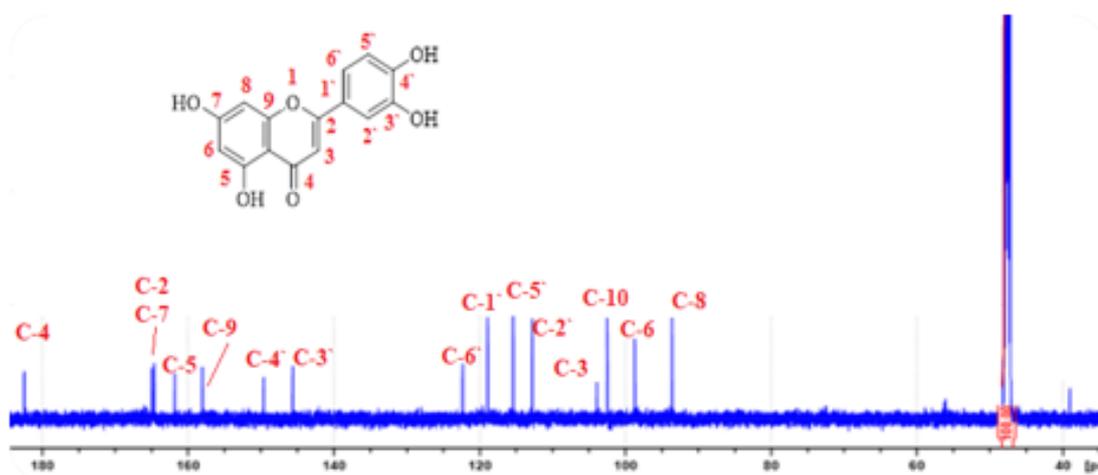
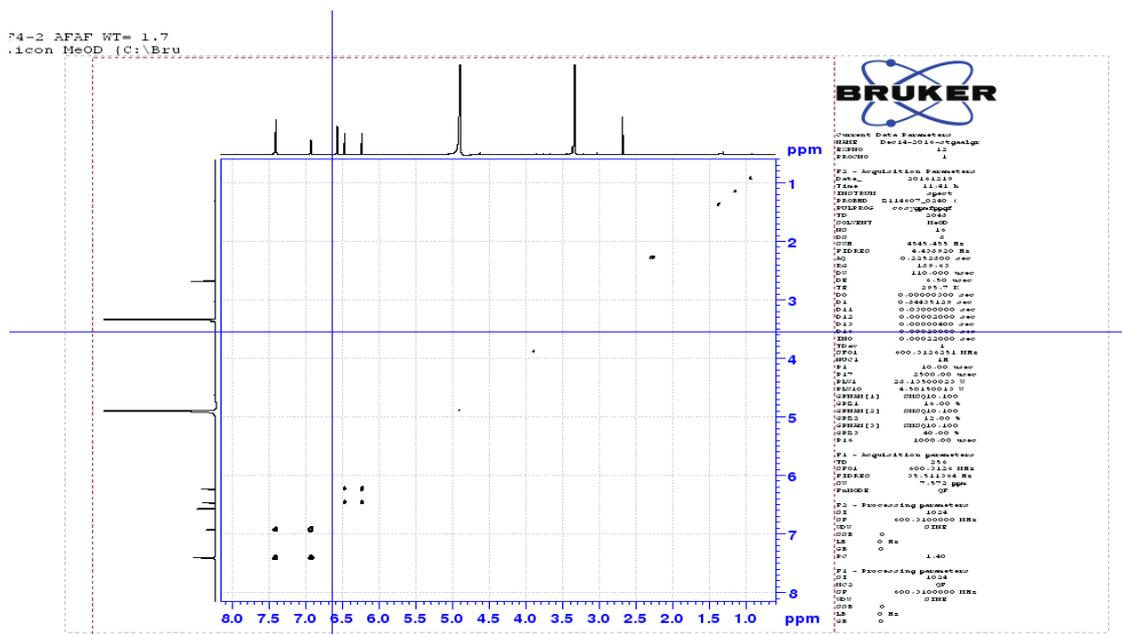


Figure S4: ¹³C NMR spectrum (75 MHz, CD₃OD) of luteolin (2)



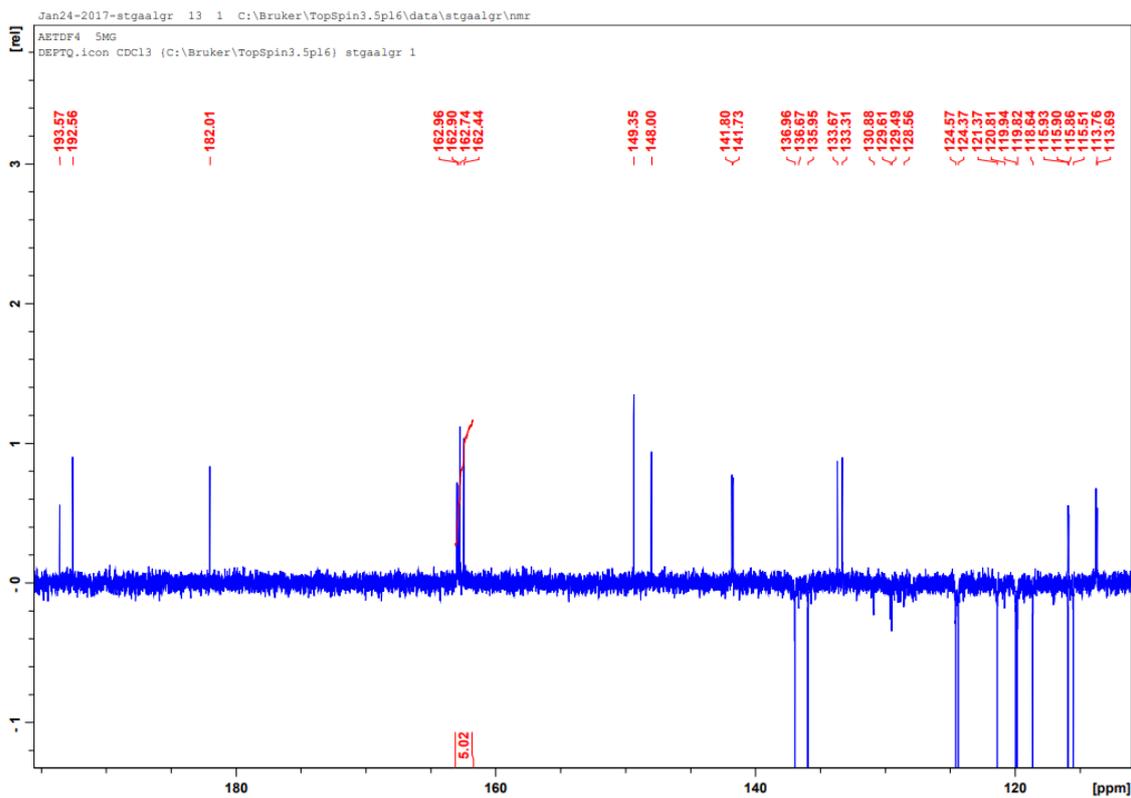


Figure S9: DEPT NMR spectrum (150 MHz, CDCl₃) of chrysophanol anthrone (**4**)

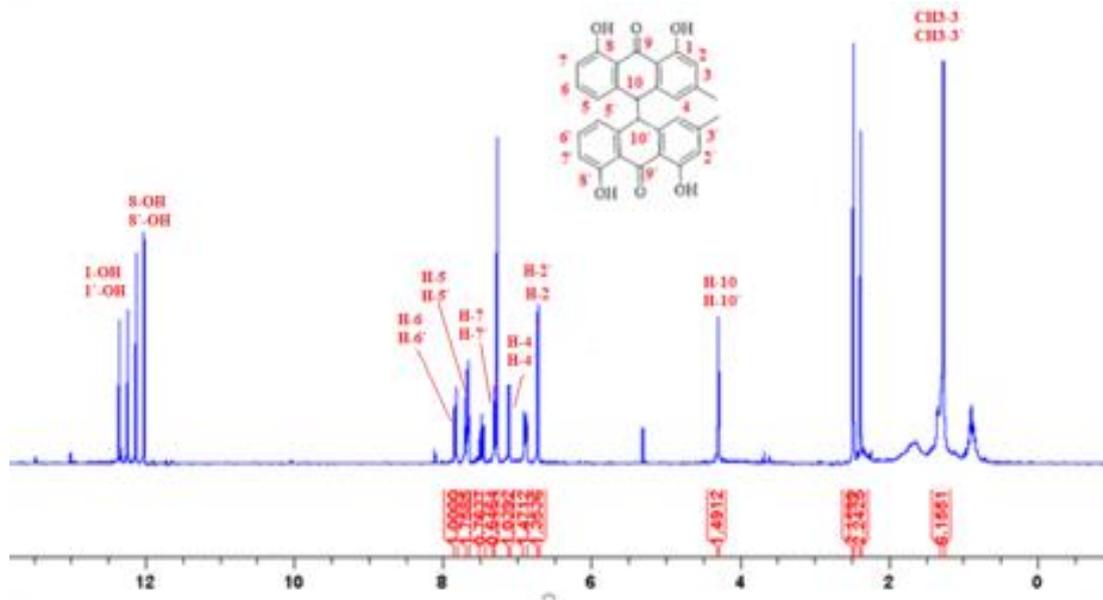


Figure S10: ¹H NMR spectrum (600 MHz, CDCl₃) of chrysophanol 10, 10'-bianthrone (**5**)

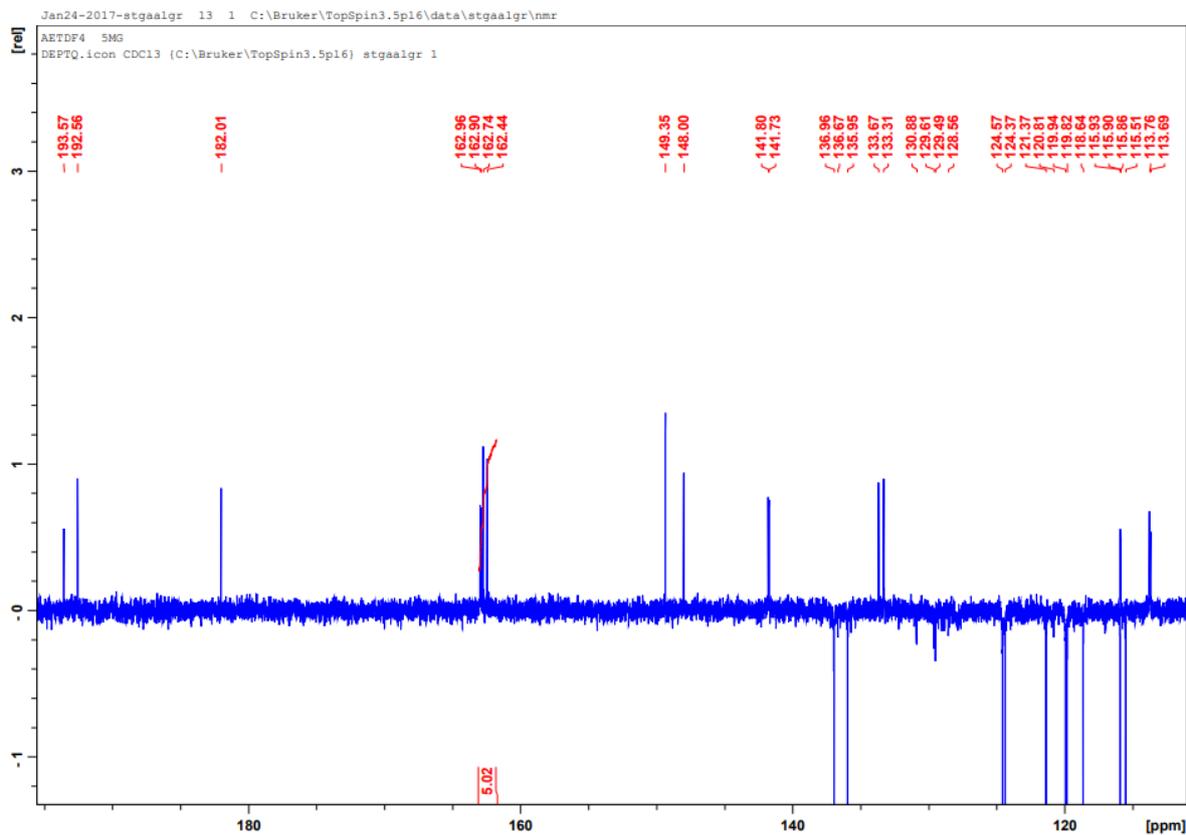


Figure S11: DEPT NMR (150 MHz, CDCl₃) of chrysophanol 10, 10'-bianthrone (**5**)

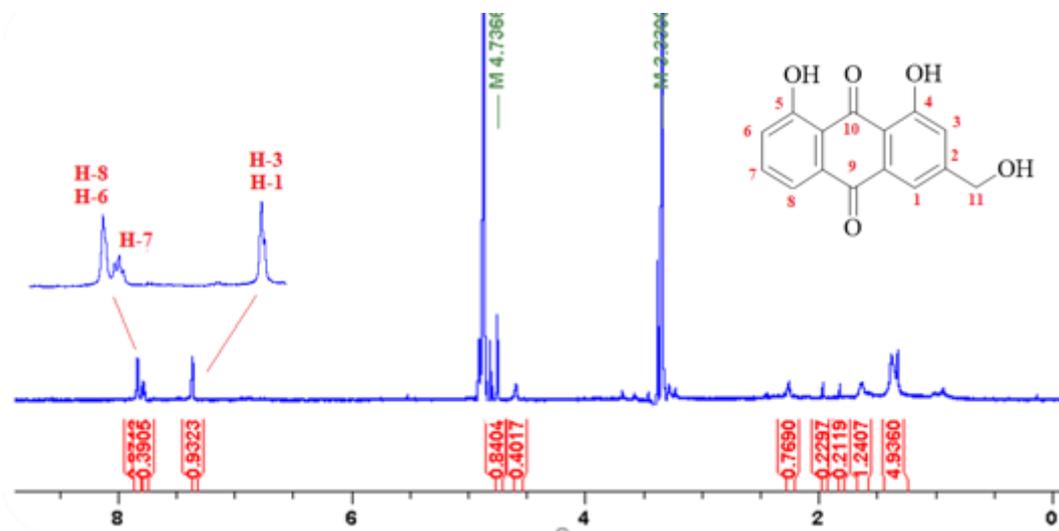


Figure S12: ^1H NMR spectrum (600 MHz, CD_3OD) of aloemodin anthrone (6)

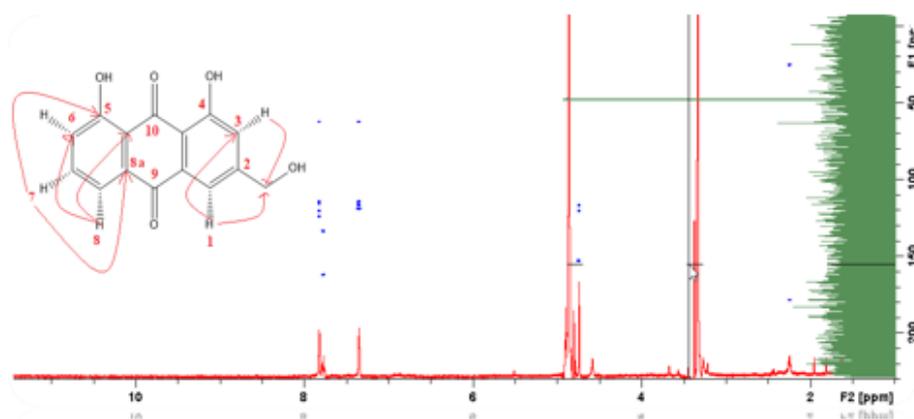


Figure S13: HMBC correlations (600 MHz, CD_3OD) of aloemodin anthrone (6)

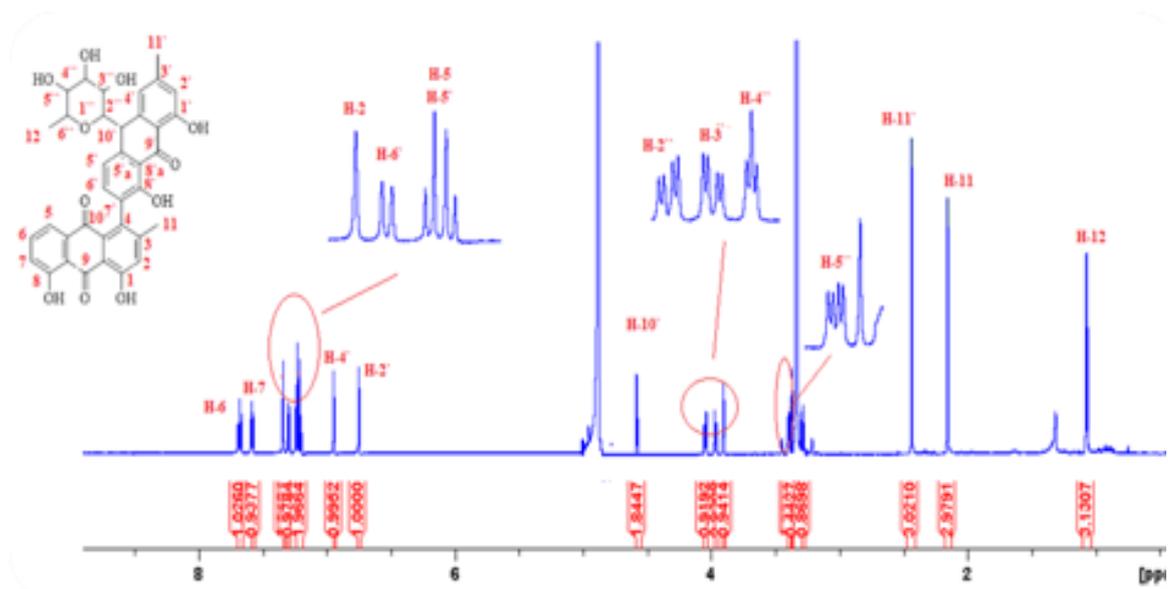


Figure S14: ^1H NMR spectrum (600 MHz, CD_3OD) of C- α -rhamnopyranosyl bianthracene-9,9',10 (10'H)-trione glycoside (7)

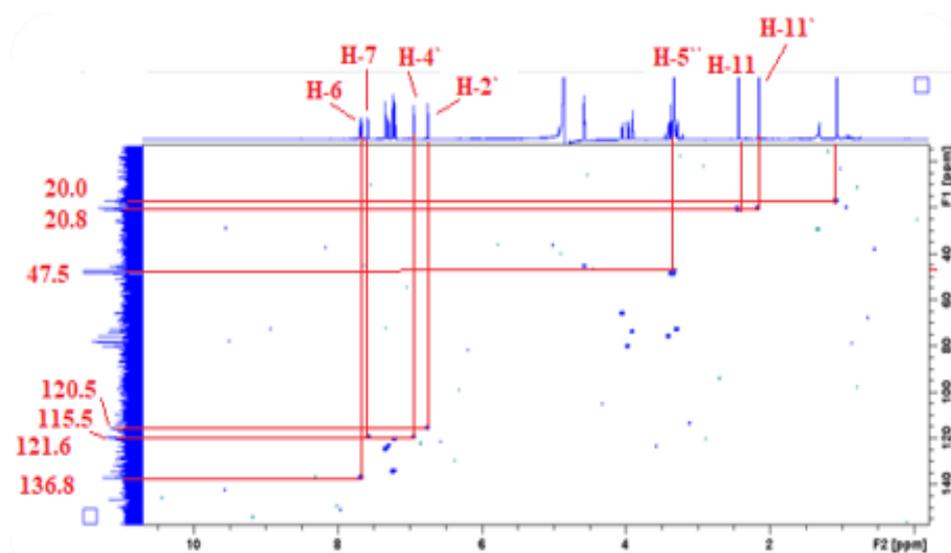


Figure S15: HSQC correlations (600, 150 MHz, CD_3OD) of C- α -rhamnopyranosyl bianthracene-9,9',10 (10'H)-trione glycoside (7)

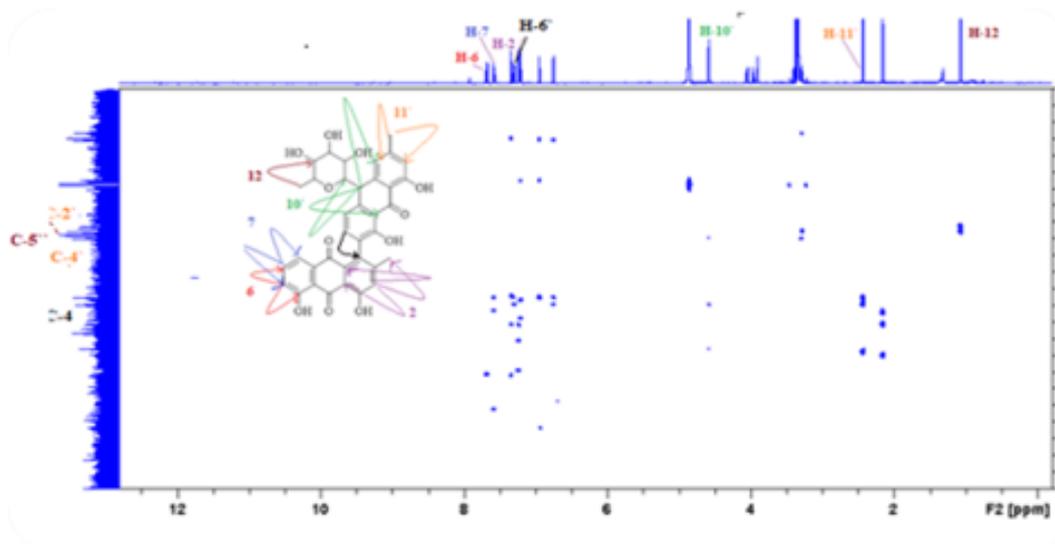


Figure S16: HMBC correlations (600, 150 MHz, CD_3OD) of C- α -rhamnopyranosyl bianthracene-9,9',10 (10'H)-trione glycoside (7)