

Supporting information

FLAVONES FROM *CASSIA LESCHENAULTIANA* AND THEIR ANTI-TOBACCO MOSAIC VIRUS ACTIVITY

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Figure S1 ^{13}C NMR spectrum of 7-(3-hydroxypropyl)-6,2'-dimethoxy-flavone (**1**)

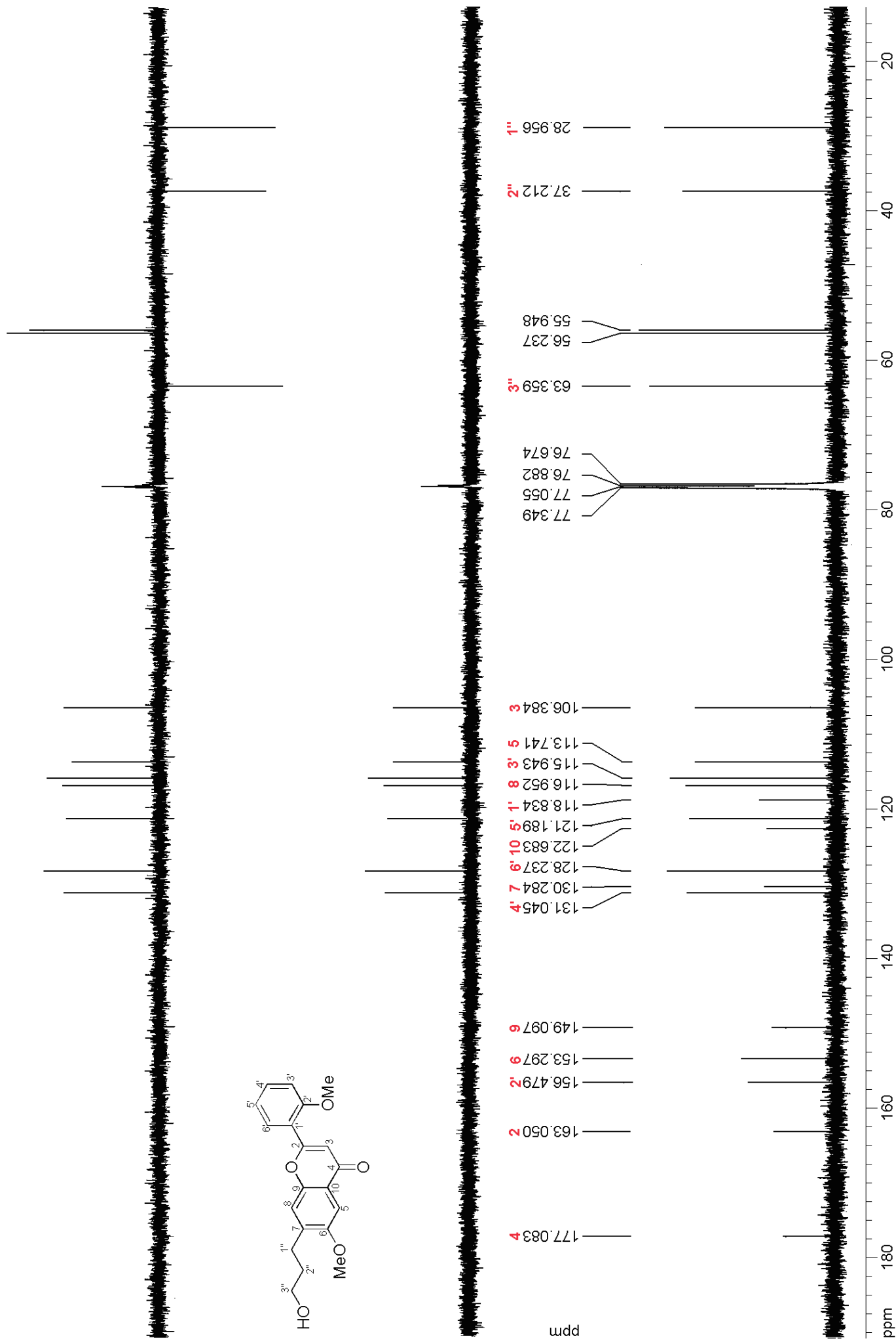


Figure S2 ¹H NMR spectrum of 7-(3-hydroxypropyl)-6,2'-dimethoxy-flavone (**1**)

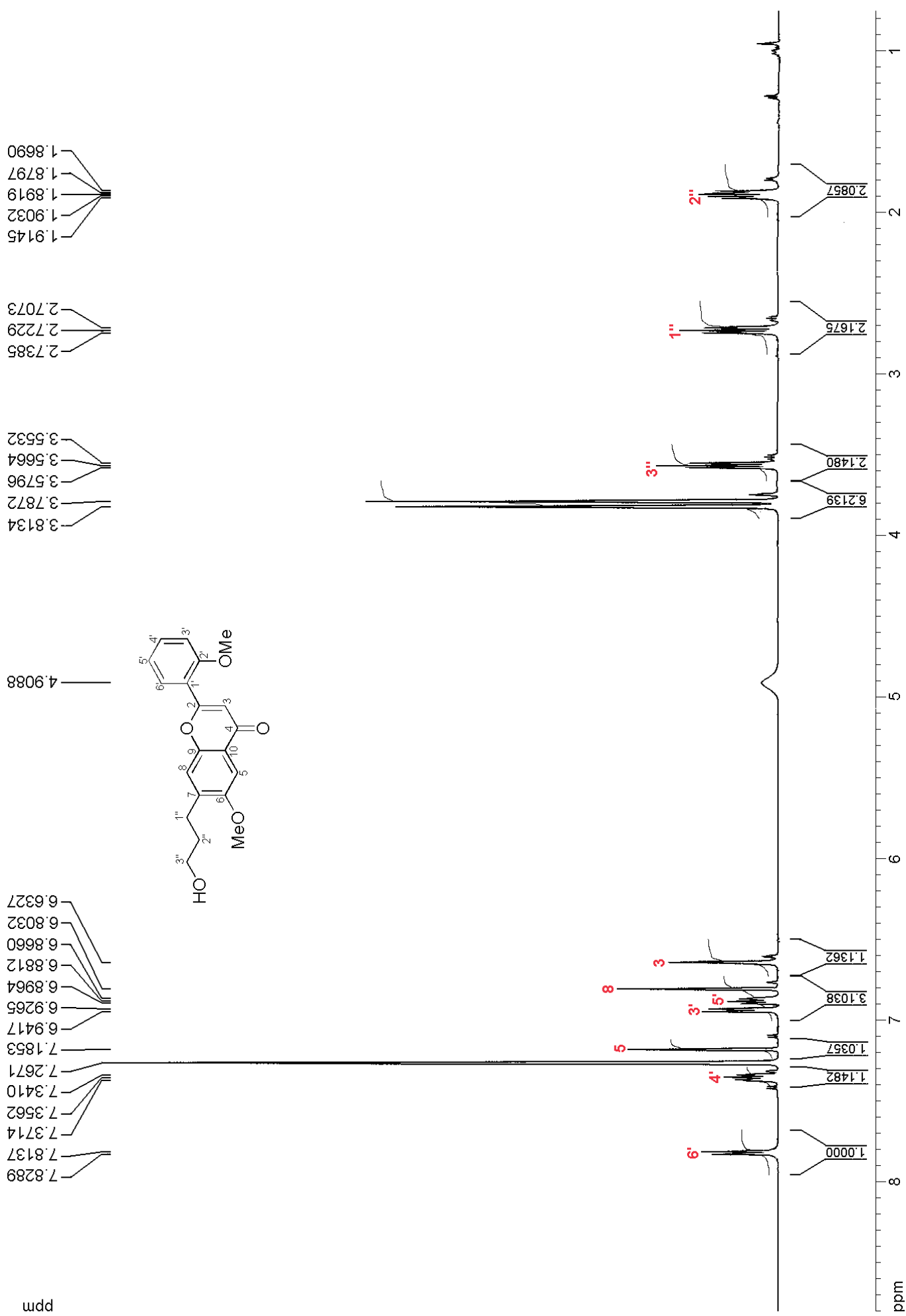


Figure S3 HSQC spectrum of 7-(3-hydroxypropyl)-6,2'-dimethoxy-flavone (**1**)

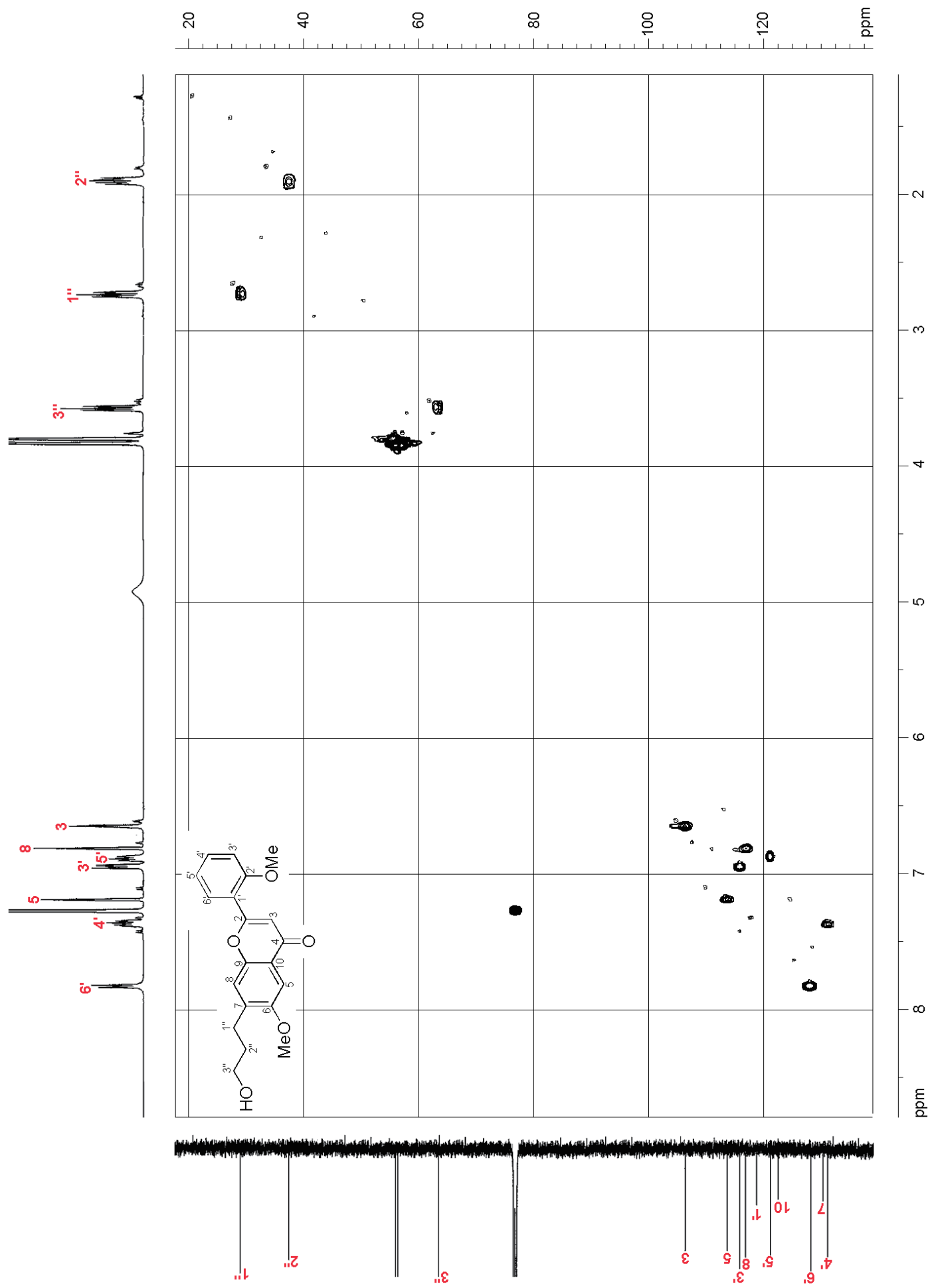


Figure S4 HMBC spectrum of 7-(3-hydroxypropyl)-6,2'-dimethoxy-flavone (**1**)

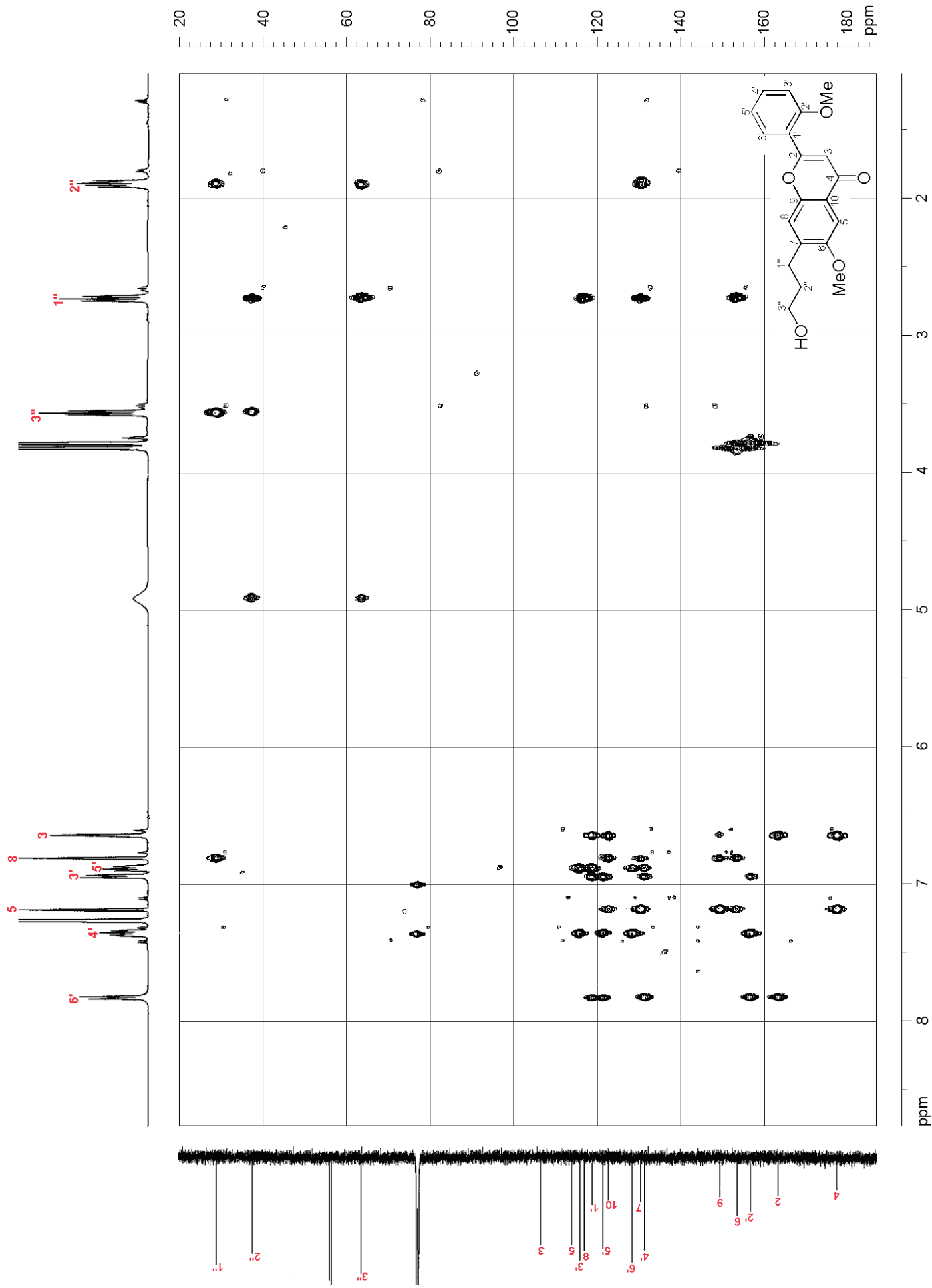


Figure S5 ^{13}C NMR spectrum of 7-(3-hydroxypropyl)-6,4'-dimethoxy-flavone (2)

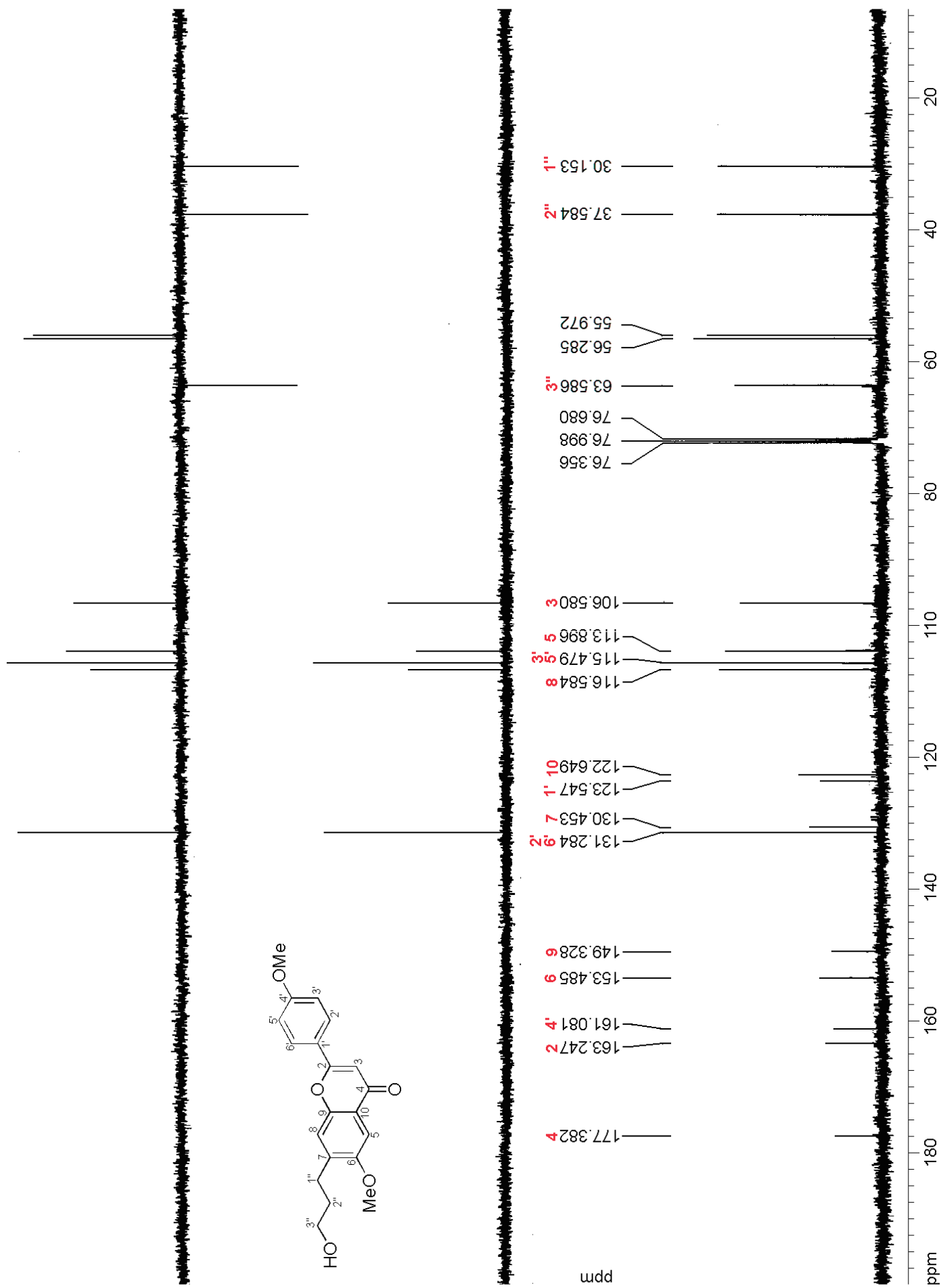


Figure S6 ¹H NMR spectrum of 7-(3-hydroxypropyl)-6,4'-dimethoxy-flavone (2)

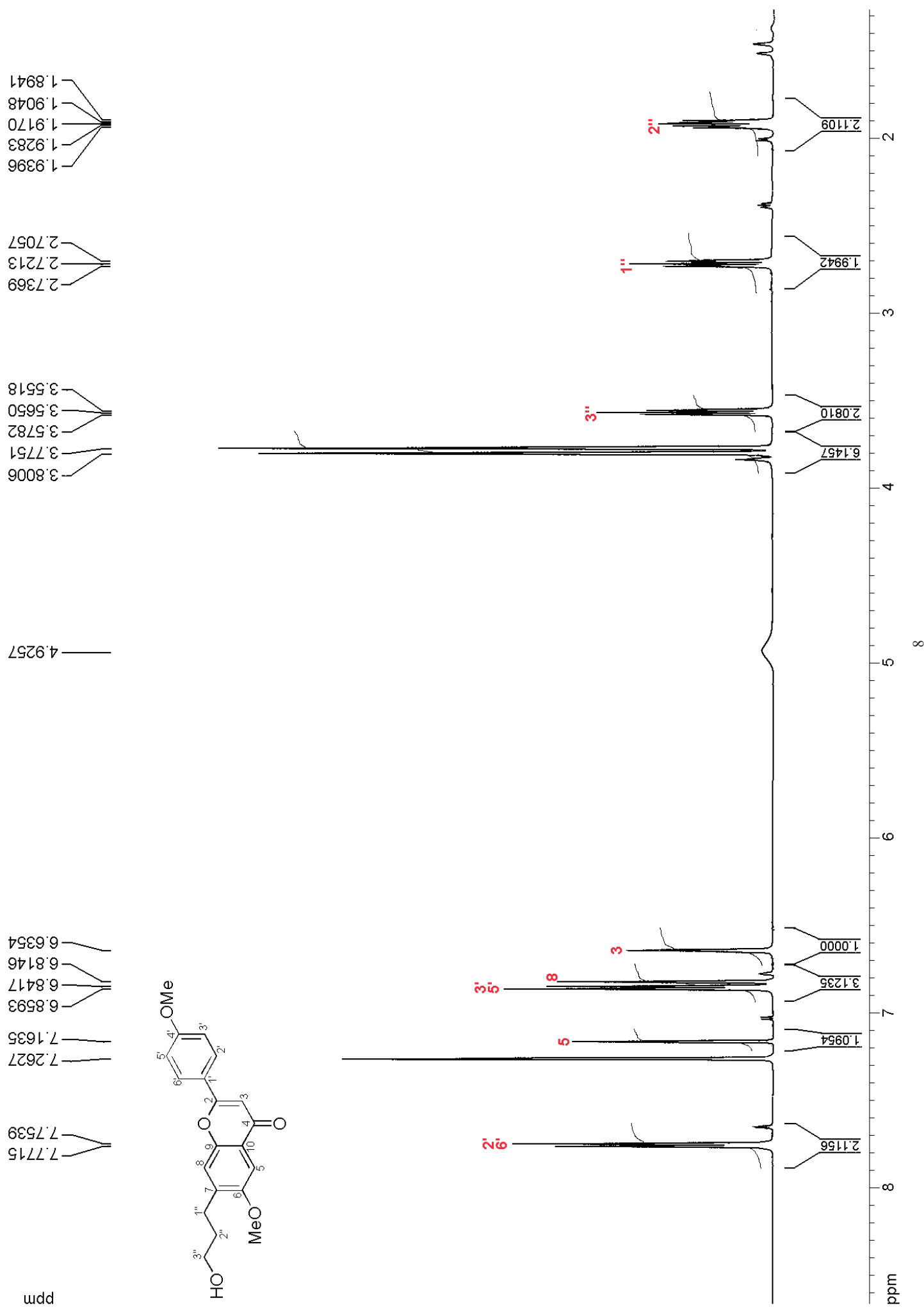


Figure S7 ^{13}C NMR spectrum of 7-(3-hydroxypropanoyl)-6,4'-dimethoxy-flavone (**3**)

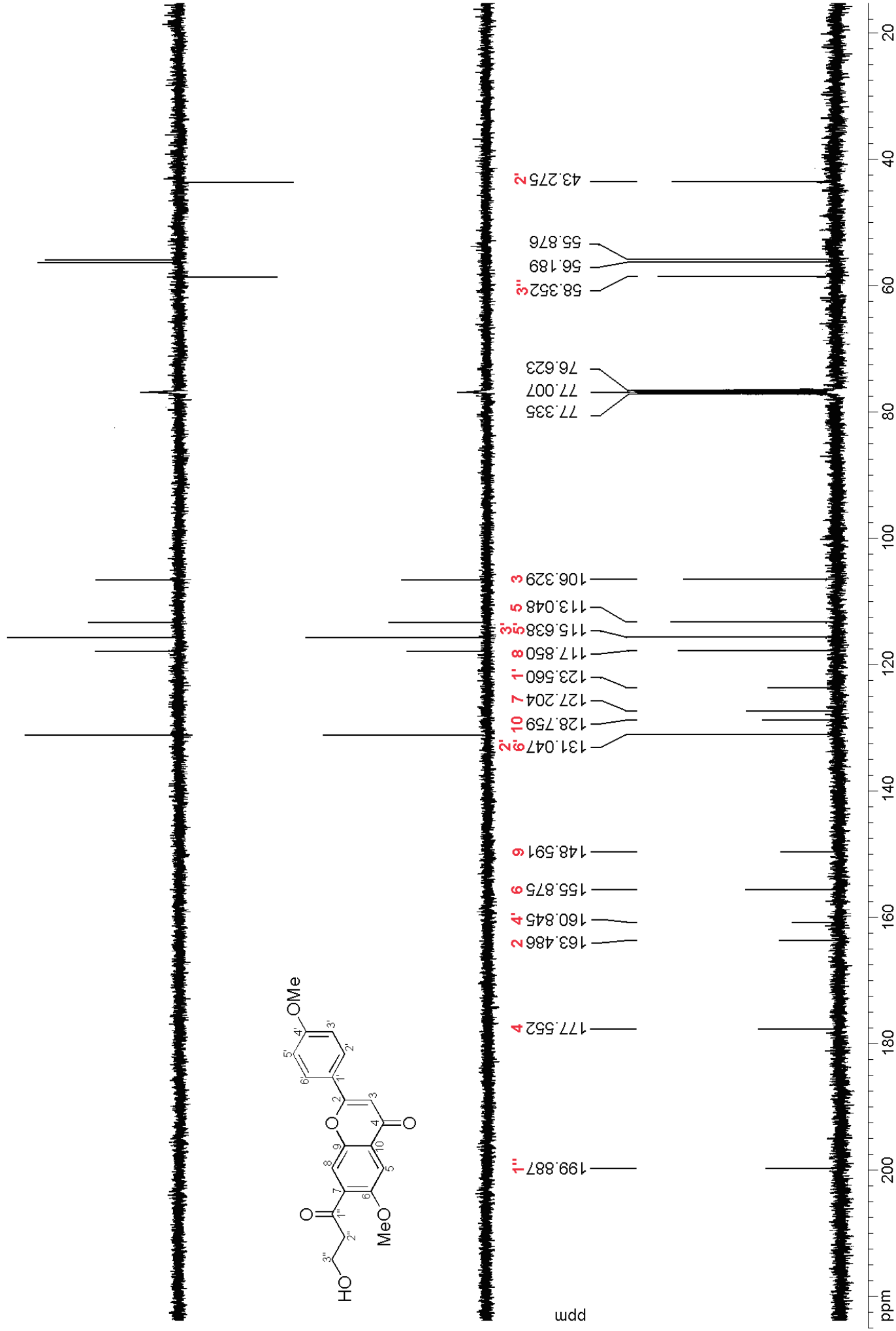


Figure S8 ¹H NMR spectrum of 7-(3-hydroxypropanoyl)-6,4'-dimethoxy-flavone (**3**)

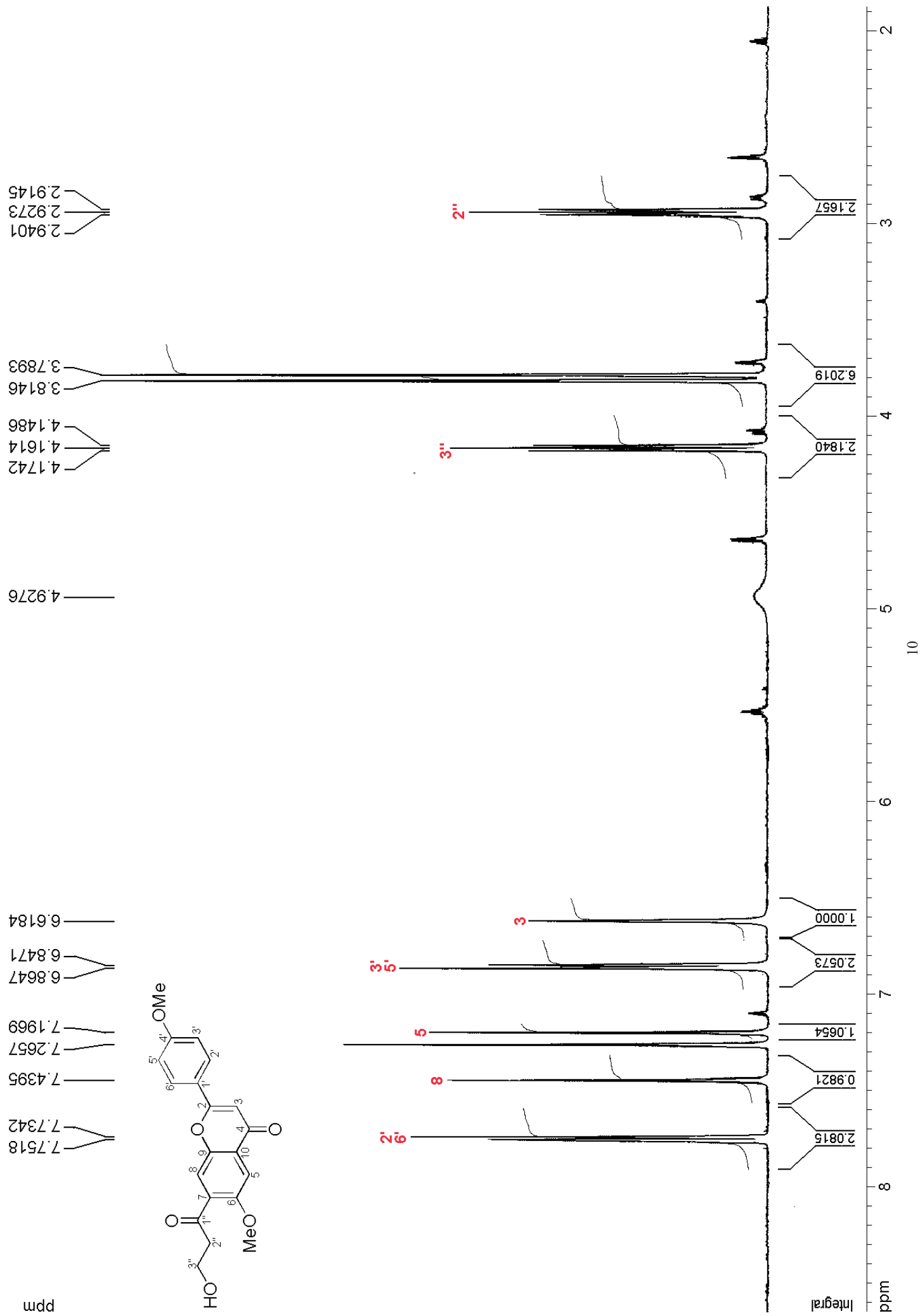


Figure S9 The antiviral inhibition rates tested by half-leaf method for compounds **1-4**

[**a.** 7-(3-hydroxypropyl)-6,2'-dimethoxy-flavone (**1**); **b.** 7-(3-hydroxypropyl)-6,4'-dimethoxy-flavone (**2**); **c.** 7-(3-hydroxypropanoyl)-6,4'-dimethoxy-flavone (**3**); **d.** 5,4'-dihydroxy- 3,7-dimethoxy-6-methylflavone (**4**)]

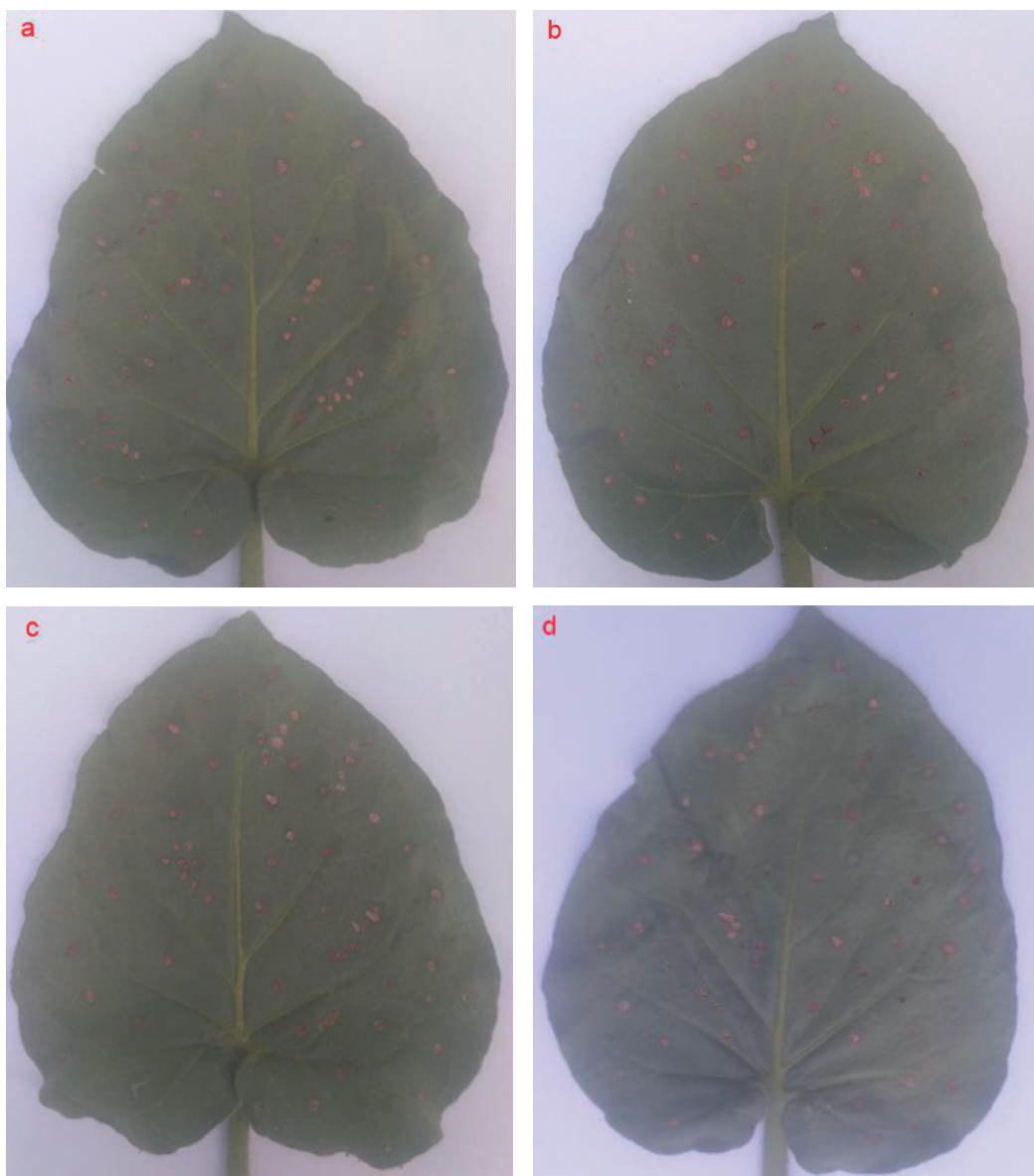


Figure S10 The protective effects of compound **3** on TMV

(**a.** control; **b.** pretreating the tobacco plant with compound **1**)

