

SUPPORTING INFORMATION

Constituents of the Stem Bark of *Pongamia pinnata* with the Potential to Induce Quinone Reductase

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List of Supporting Information:

1. **Figure S1.** ¹H and ¹³C NMR spectra of (2*S*)-5,7-dimethoxy-8-formyl-flavanone (**1**)
2. **Figure S2.** ¹H and ¹³C NMR spectra of (2*S*)-5,7-dimethoxy-8-(2*S*-hydroxy-3-methyl-3-butenyl)-3',4'-methylenedioxyflavanone (**2**).
3. **Figure S3.** ¹H and ¹³C NMR spectra of (2*S*)-5,7-dimethoxy-8-(2*S*-hydroxy-3-methyl-3-butenyl)-flavanone (**3**).
4. **Figure S4.** ¹H and ¹³C NMR spectra of (2*S*)-5,7-dimethoxy-8-(2*R*-hydroxy-3-methyl-3-butenyl)-flavanone (**4**).
5. **Figure S5.** ¹H and ¹³C NMR spectra of 5-methoxy-(3'',4''-dihydro-3'',4''-diacetoxy)-2'',2''-dimethylpyrano-(7,8:5'',6'')-flavone (**5**).
6. **Figure S6.** ¹H and ¹³C NMR spectra of 7-methoxypraecansone B [7,2',6'-trimethoxy-6'',6''-dimethylpyrano-(3',4':2'',3'')-chalcone] (**6**)
7. **Figure S7.** ¹H NMR spectra of the (*R*)- and (*S*)-MTPA esters (**3r** and **3s**) of compound **3** in pyridine-*d*₅.

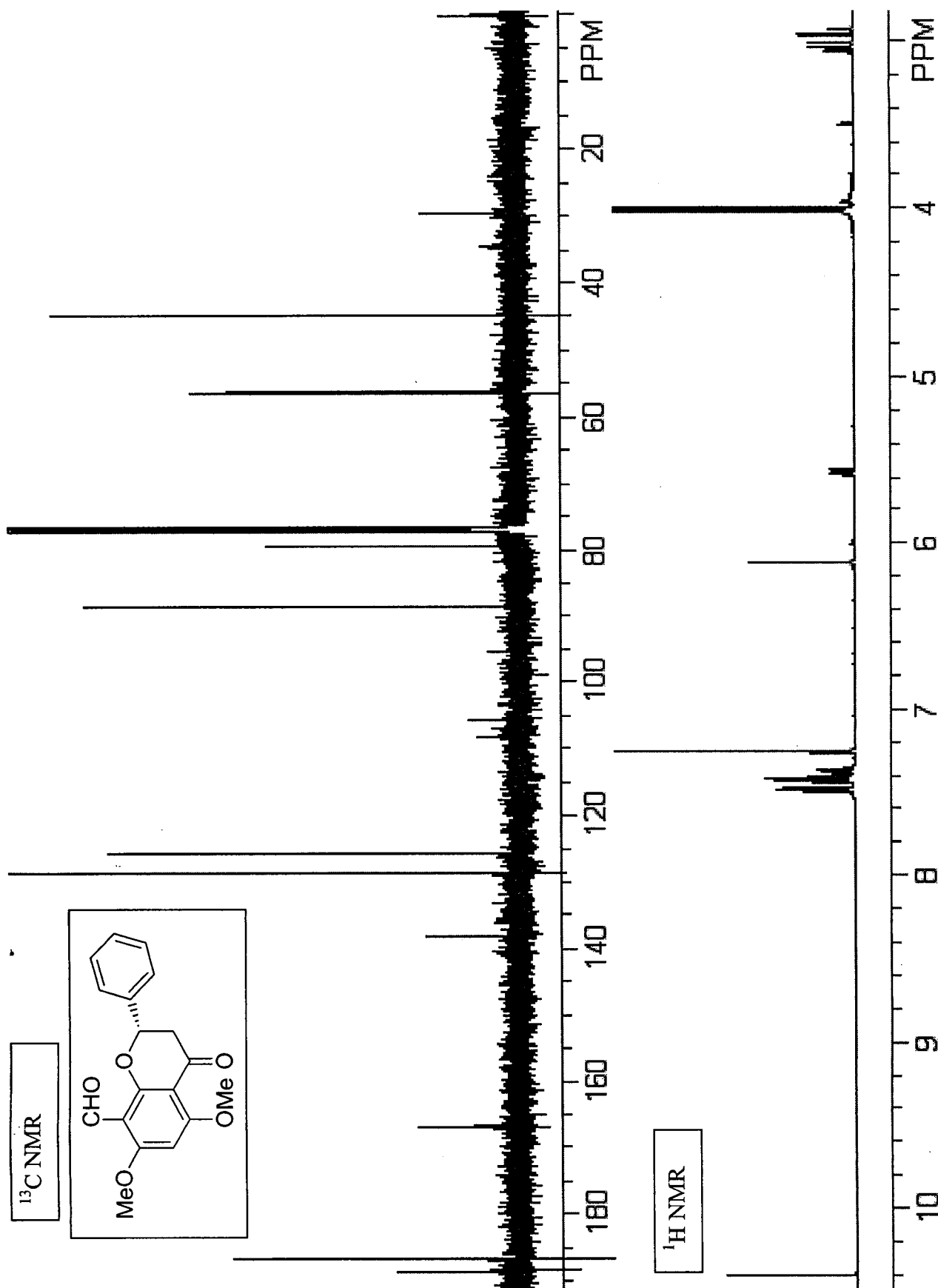


Figure S1. ¹H and ¹³C NMR spectra of (2S)-5,7-dimethoxy-8-formyl-1-phenylflavanone (1)

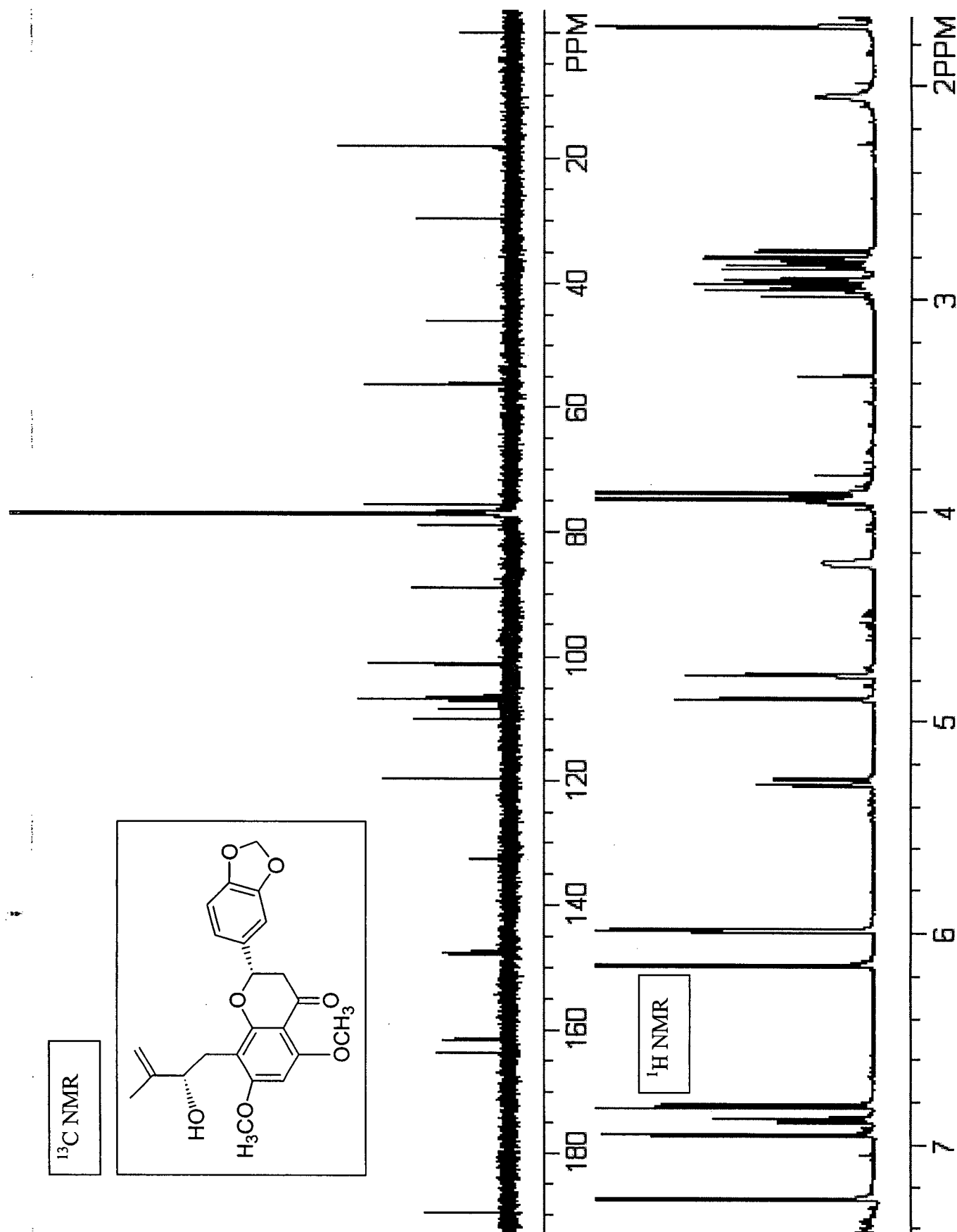


Figure S2. ¹H and ¹³C NMR spectra of (2S)-5,7-dimethoxy-8-(2S-hydroxy-3-methyl-3-butenyl)-3',4'-methylenedioxyflavanone (2)

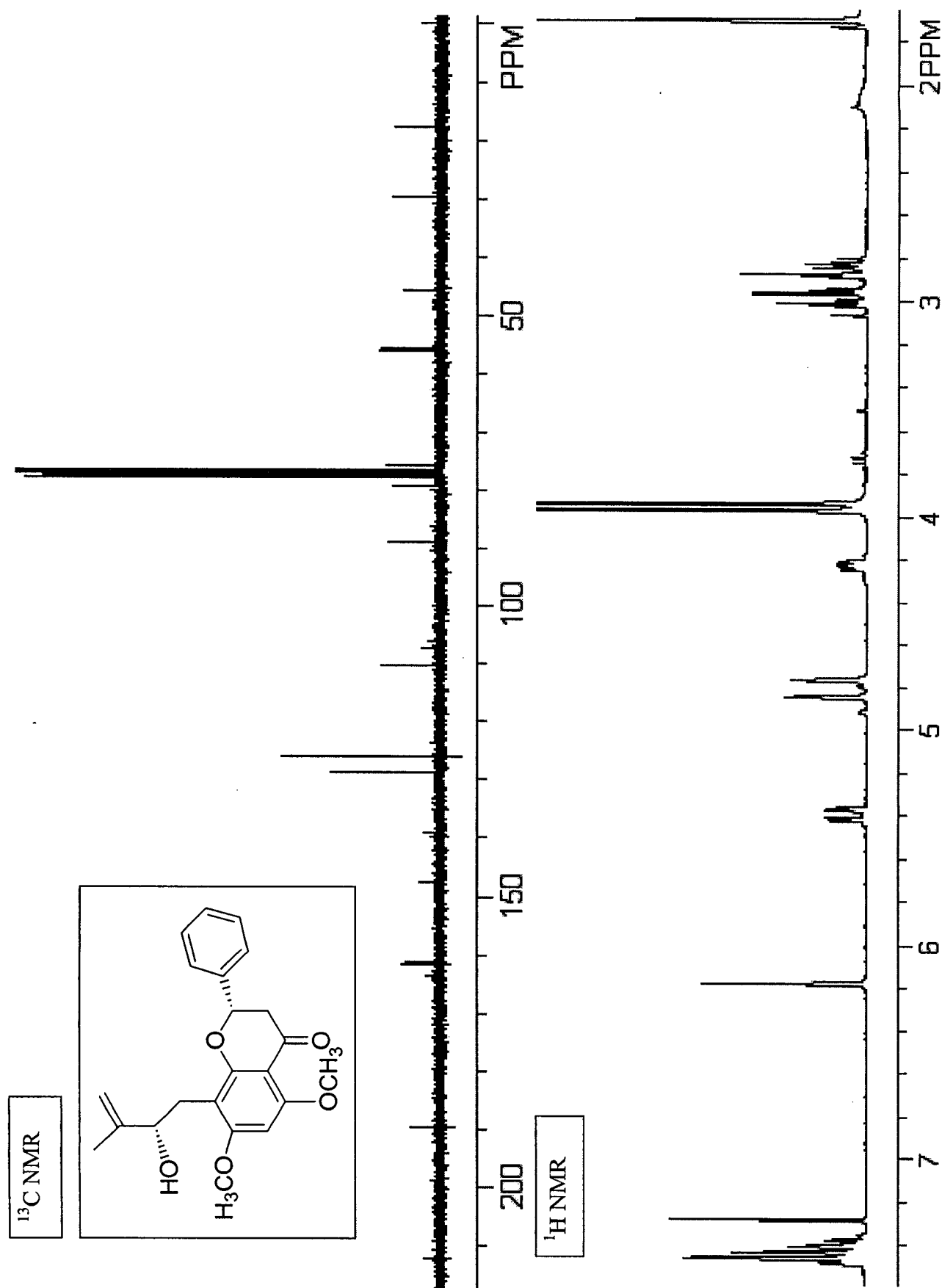


Figure S3. ^1H and ^{13}C NMR spectra of (2S)-5,7-dimethoxy-8-(2S-hydroxy-3-methyl-3-butenyl)-flavanone (3)

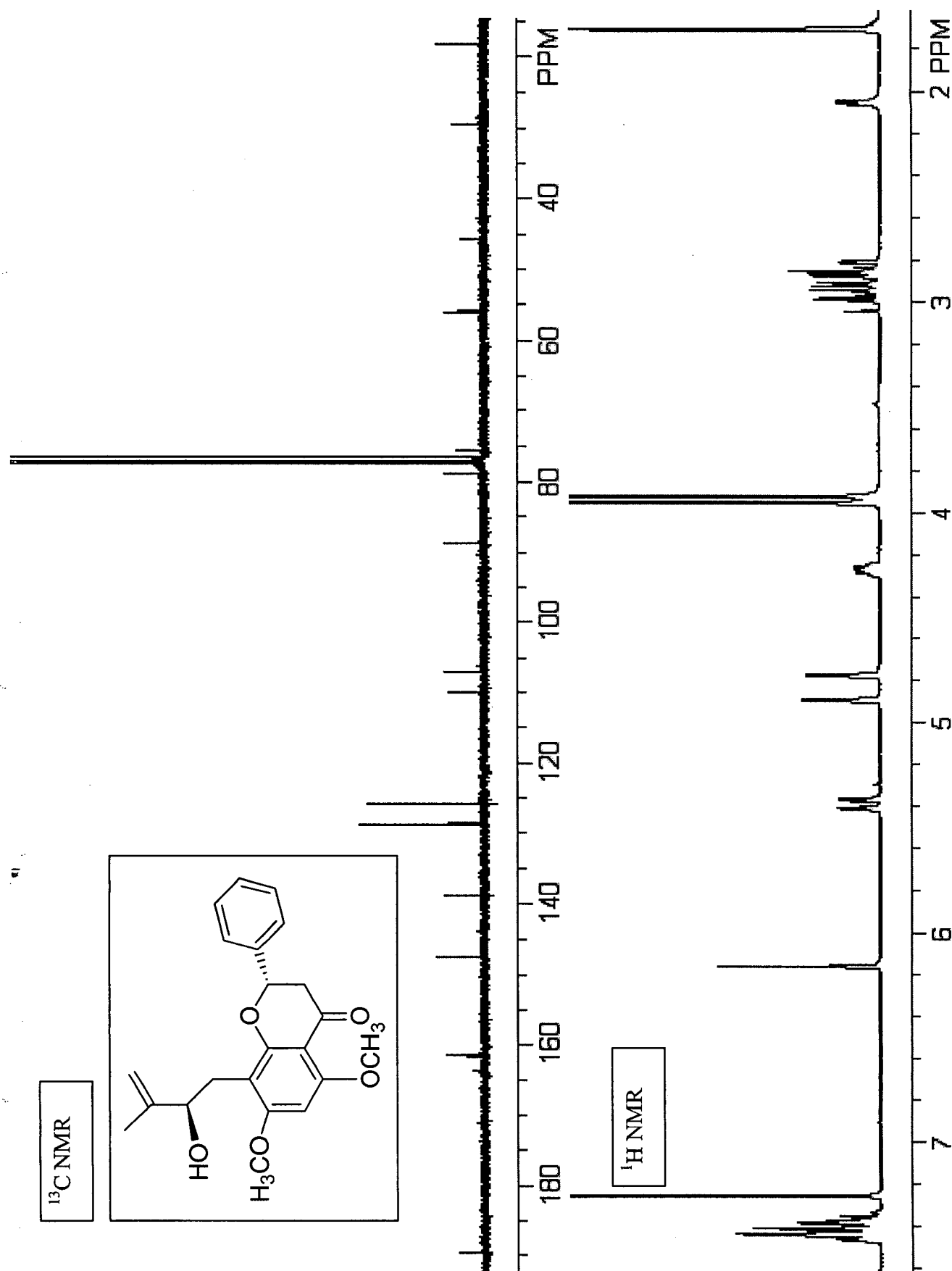


Figure S4. ¹H and ¹³C NMR spectra of (2S)-5,7-dimethoxy-8-(2R-hydroxy-3-methyl-3-butenyl)-flavanone (4)

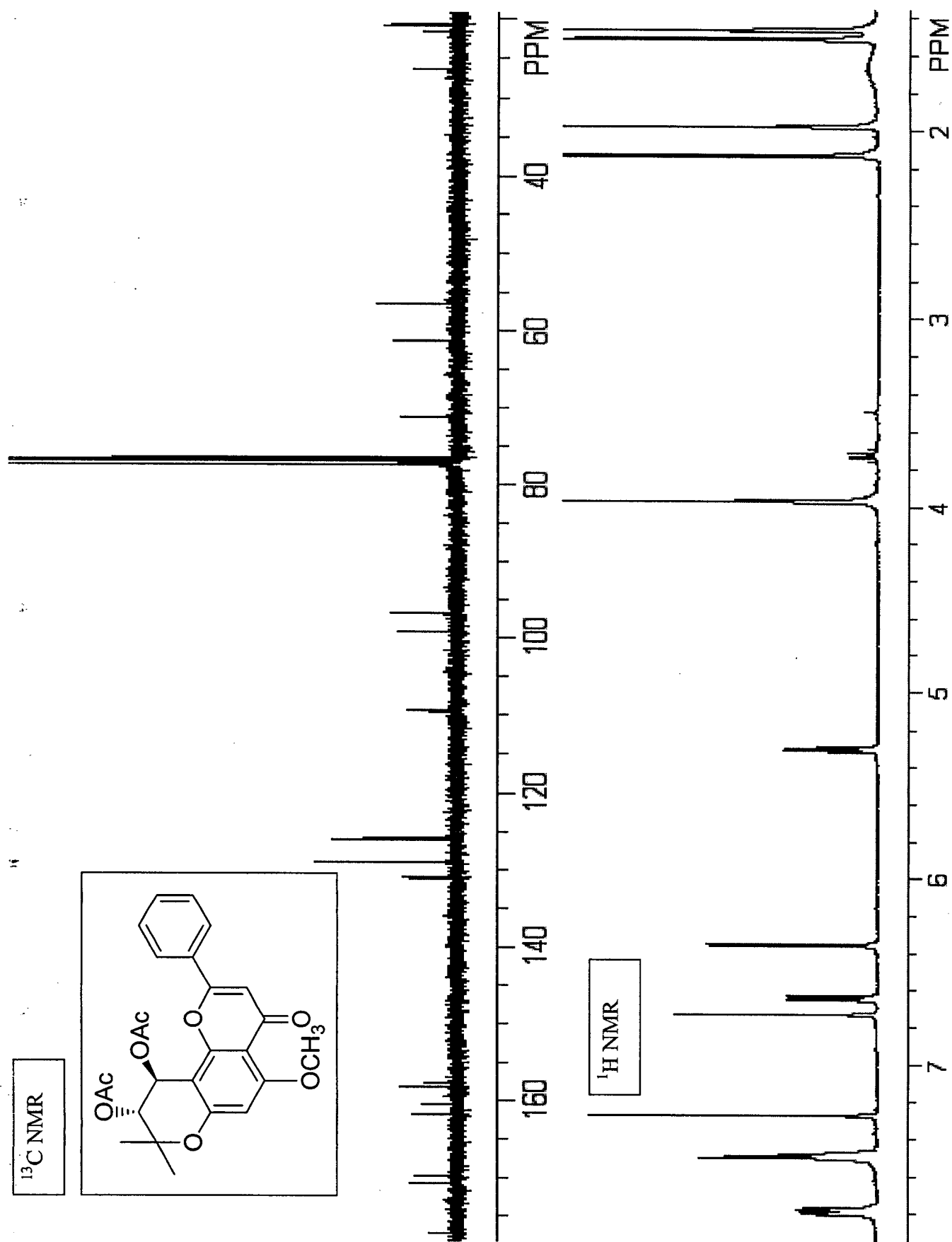


Figure S5. ¹H and ¹³C NMR spectra of 5-methoxy-(3'',4''-dihydro-3'',4''-diacetoxy)-2'',2''-dimethylpyrano-(7,8:5'',6'')-flavone (5)

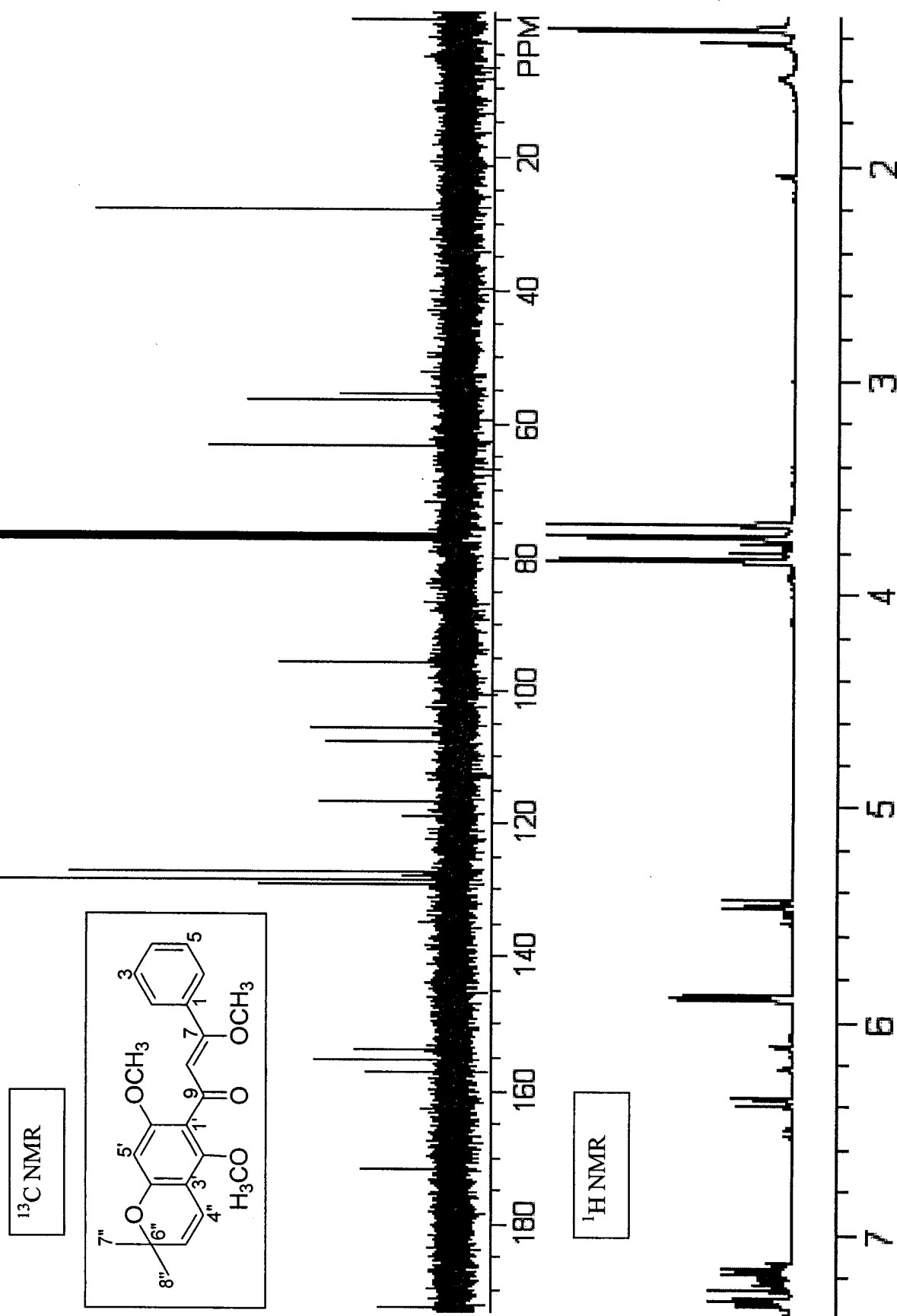


Figure S6. ¹H and ¹³C NMR spectra of 7-methoxypraecansone B [7,2',6'-trimethoxy-6'',6''-dimethylpyrano-(3',4':2'',3'')-chalcone] (6)

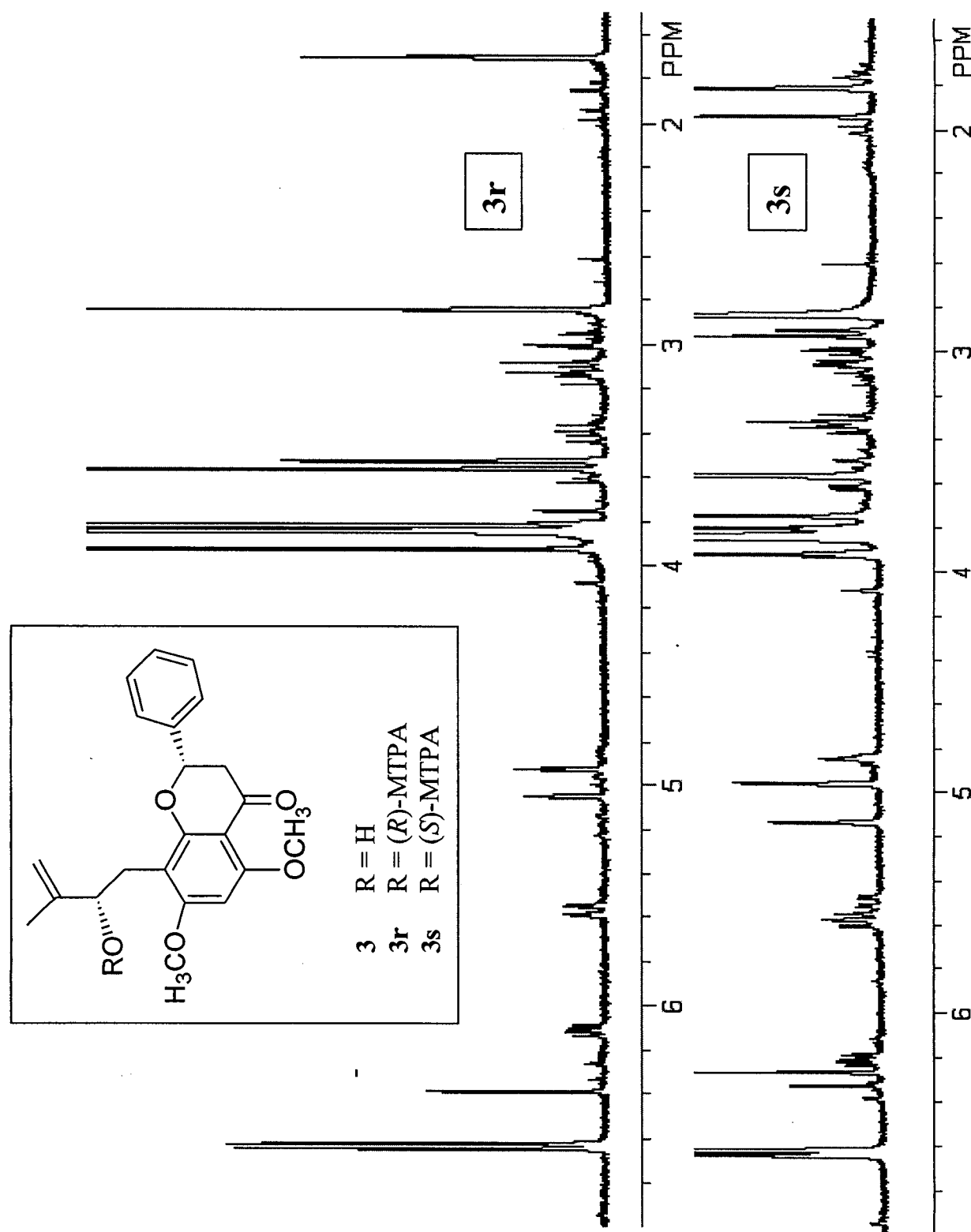


Figure S7. ¹H NMR spectra of the (*R*)- and (*S*)-MTPA esters (**3r** and **3s**) of compound **3** in pyridine-*d*₅