

Supplementary Materials: Isolation, Purification and Quantification of Ginsenoside F₅ and F₃ Isomeric Compounds from Crude Extracts of Flower Buds of *Panax ginseng*

Ke-Ke Li, Fei Xu and Xiao-Jie Gong

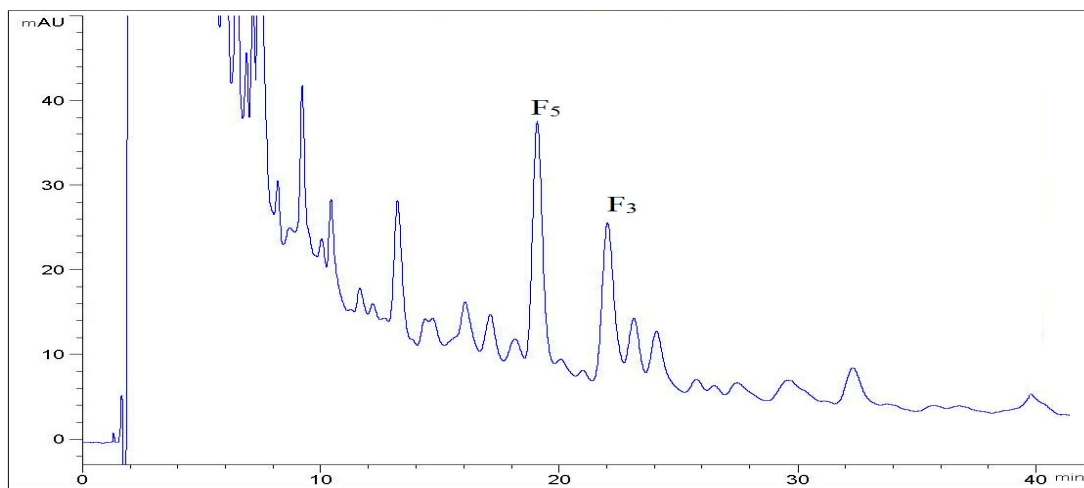


Figure S1. The chromatogram of CEFBPG (acetonitrile–water = 30:70).

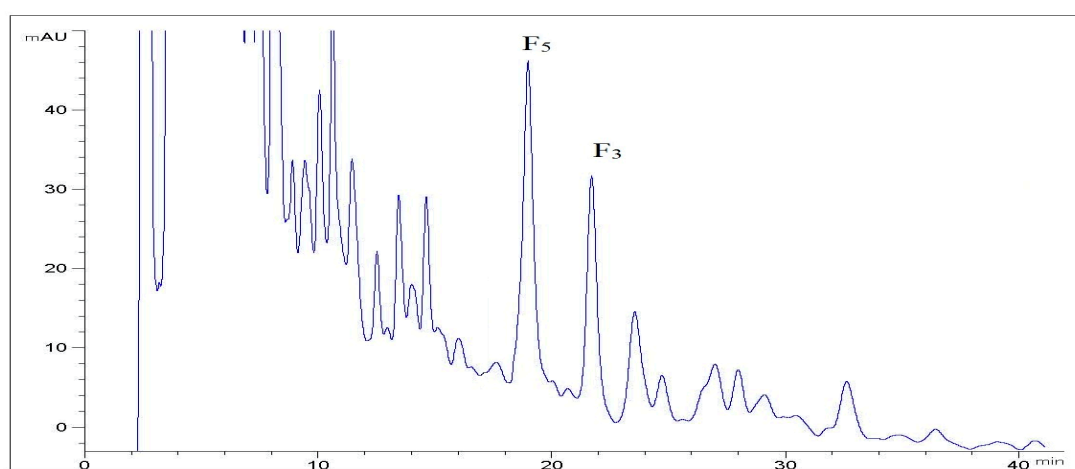


Figure S2. The chromatogram of CEFBPG (acetonitrile–water–phosphoric acid = 30:69:1).

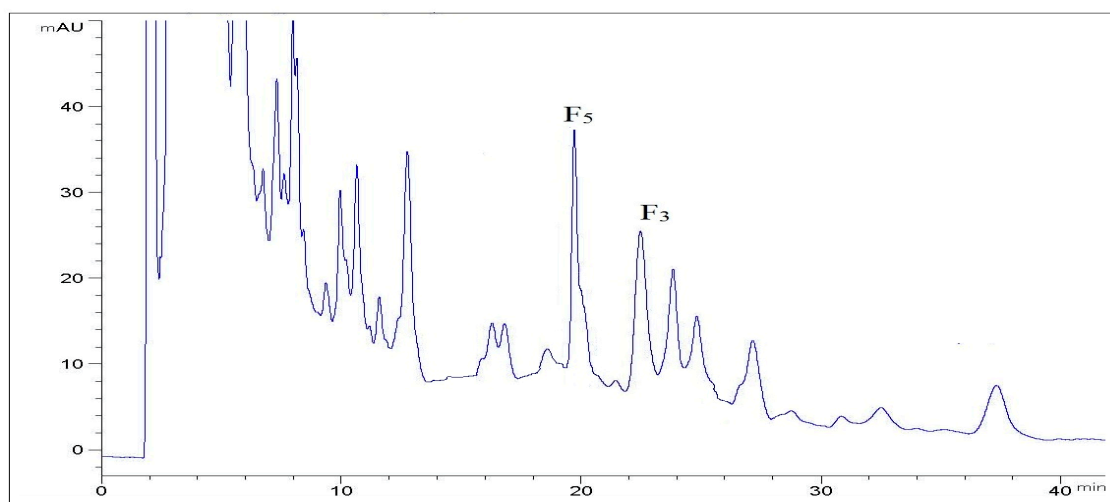


Figure S3. The chromatogram of CEFBPG (acetonitrile–water–phosphoric acid = 30:69.5:0.5).

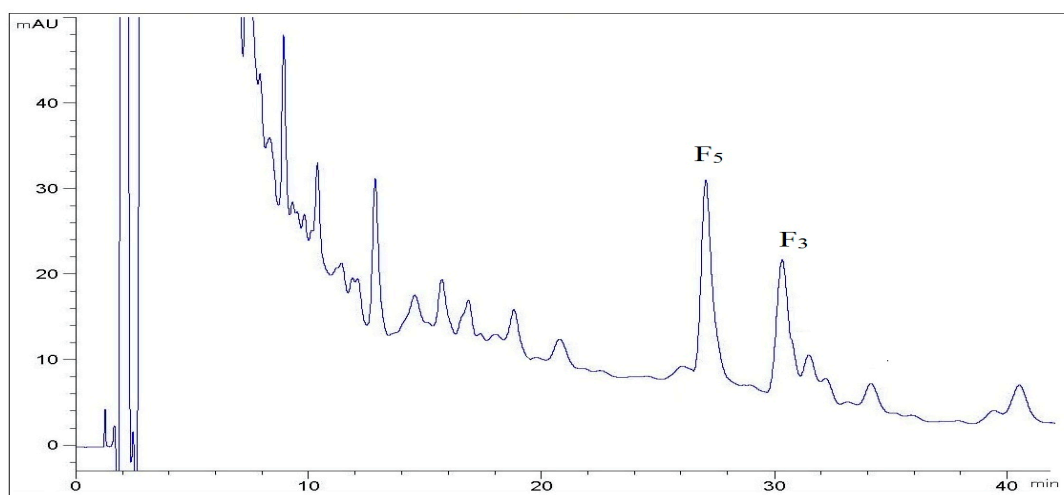


Figure S4. The chromatogram of CEFBPG (acetonitrile–water = 28:72).

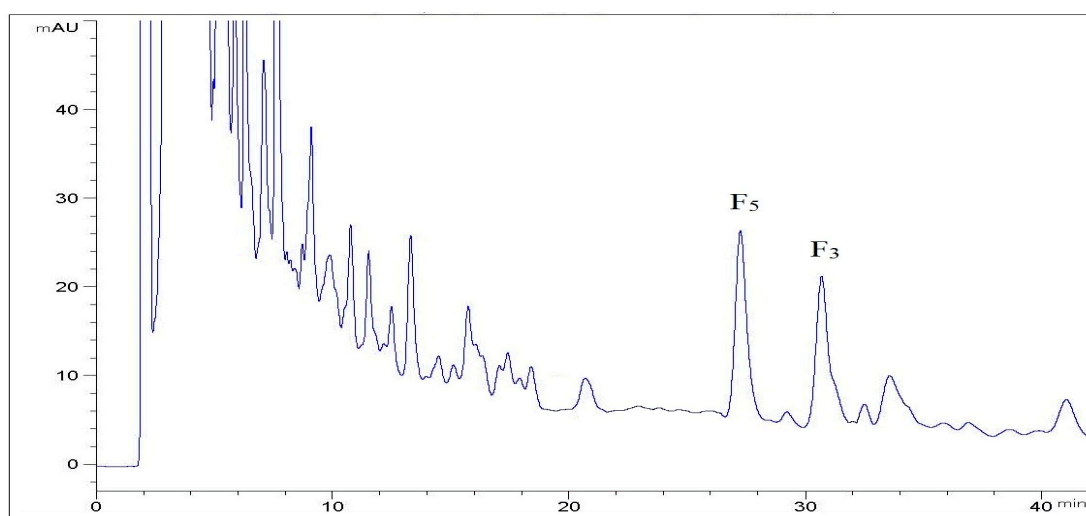


Figure S5. The chromatogram of CEFBPG (acetonitrile–water–phosphoric acid = 28:71.5:0.5).

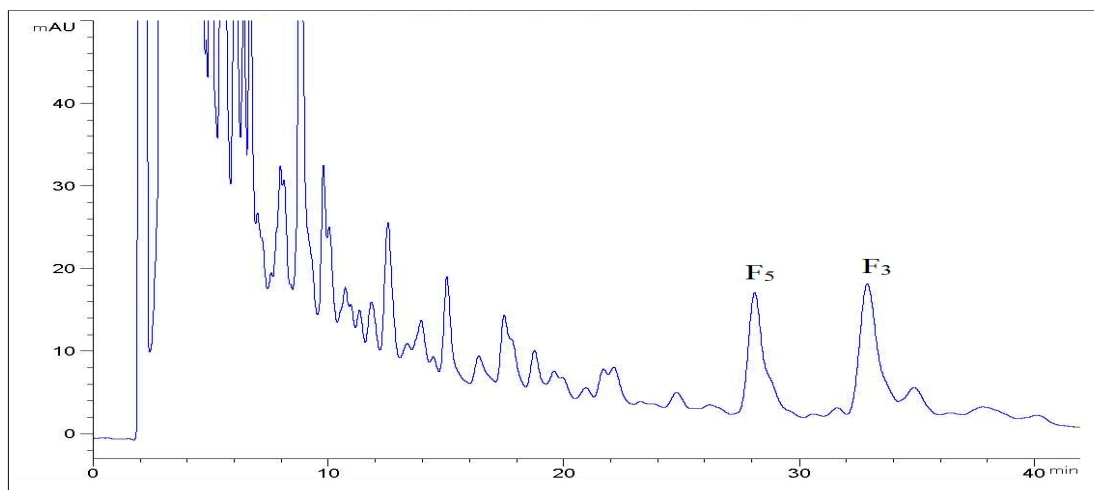


Figure S6. The chromatogram of CEFBPG (acetonitrile–water–phosphoric acid = 27:72:1).

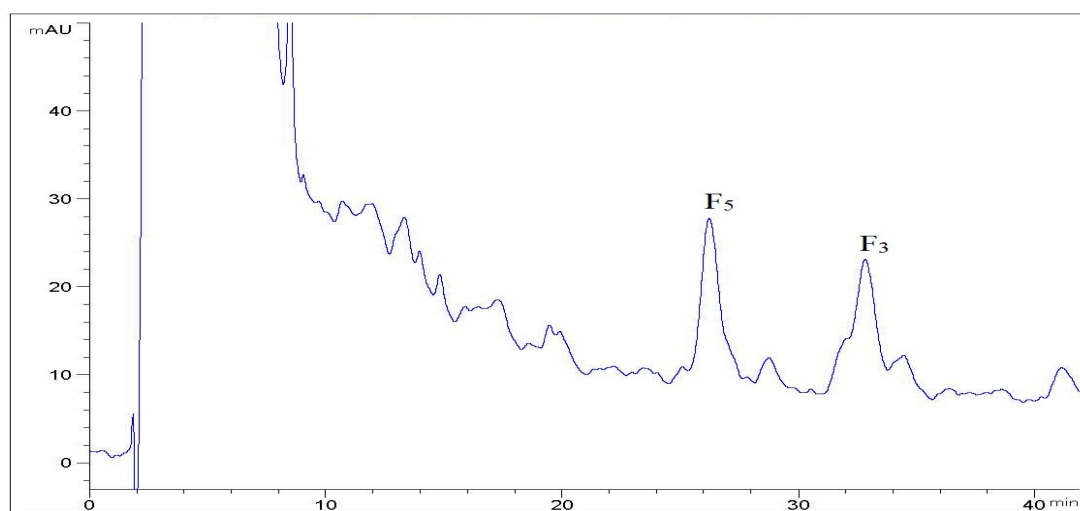


Figure S7. The chromatogram of CEFBPG (methanol–water = 60:40).

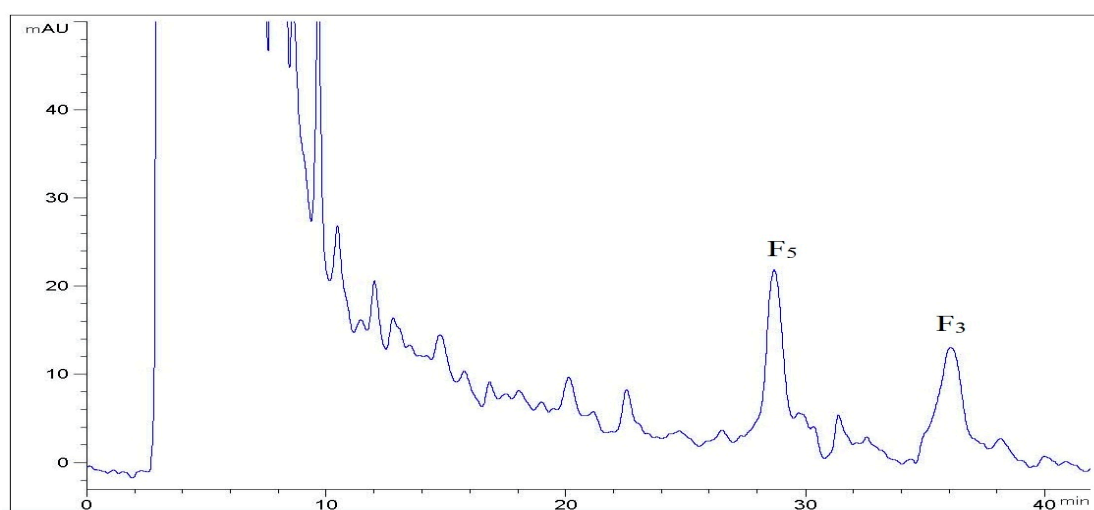


Figure S8. The chromatogram of CEFBPG (methanol–water–phosphoric acid = 60:39:1).

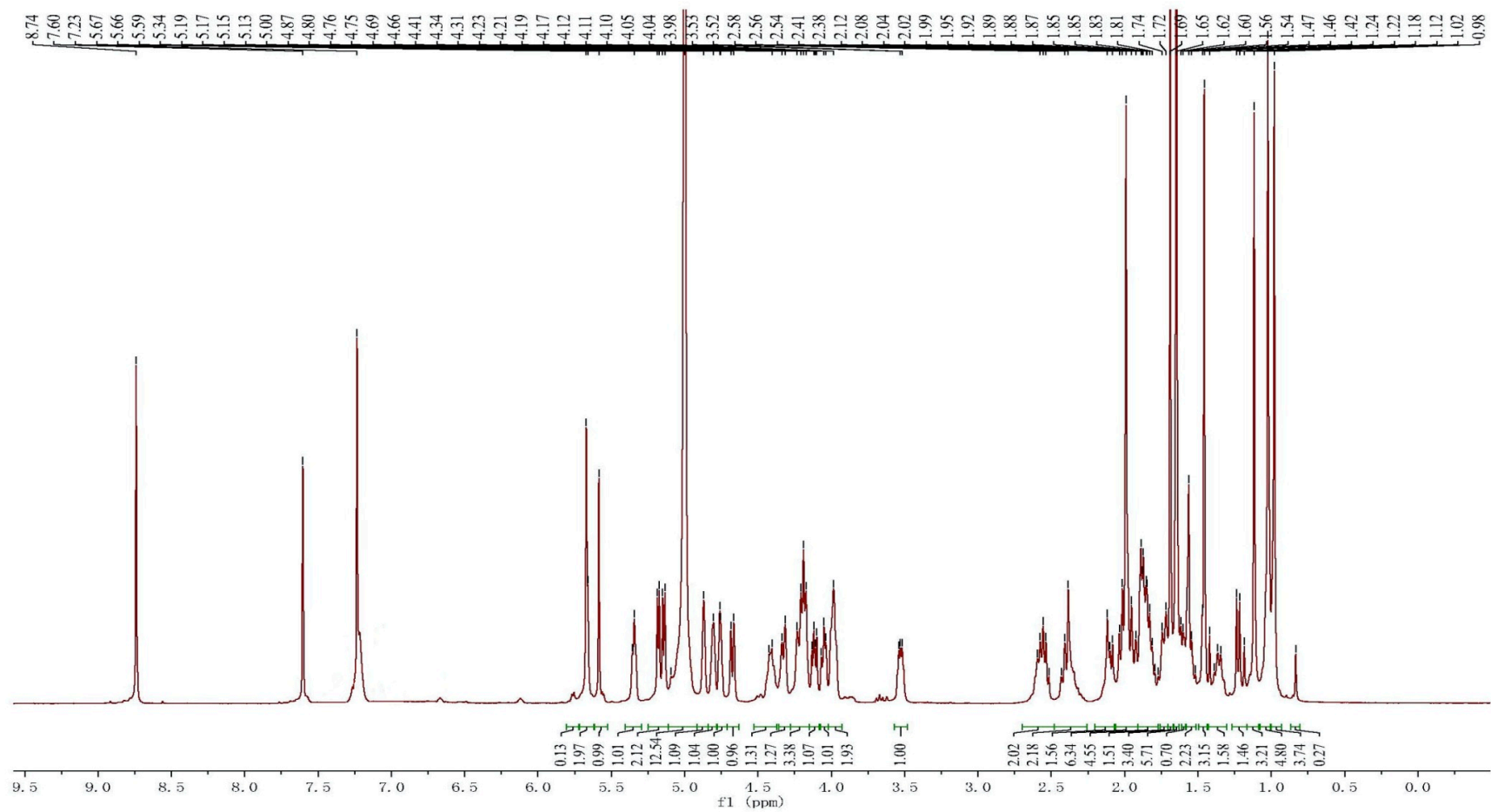


Figure S9. ¹H-NMR spectrum of ginsenoside F5 in pyridine-*d*₅.

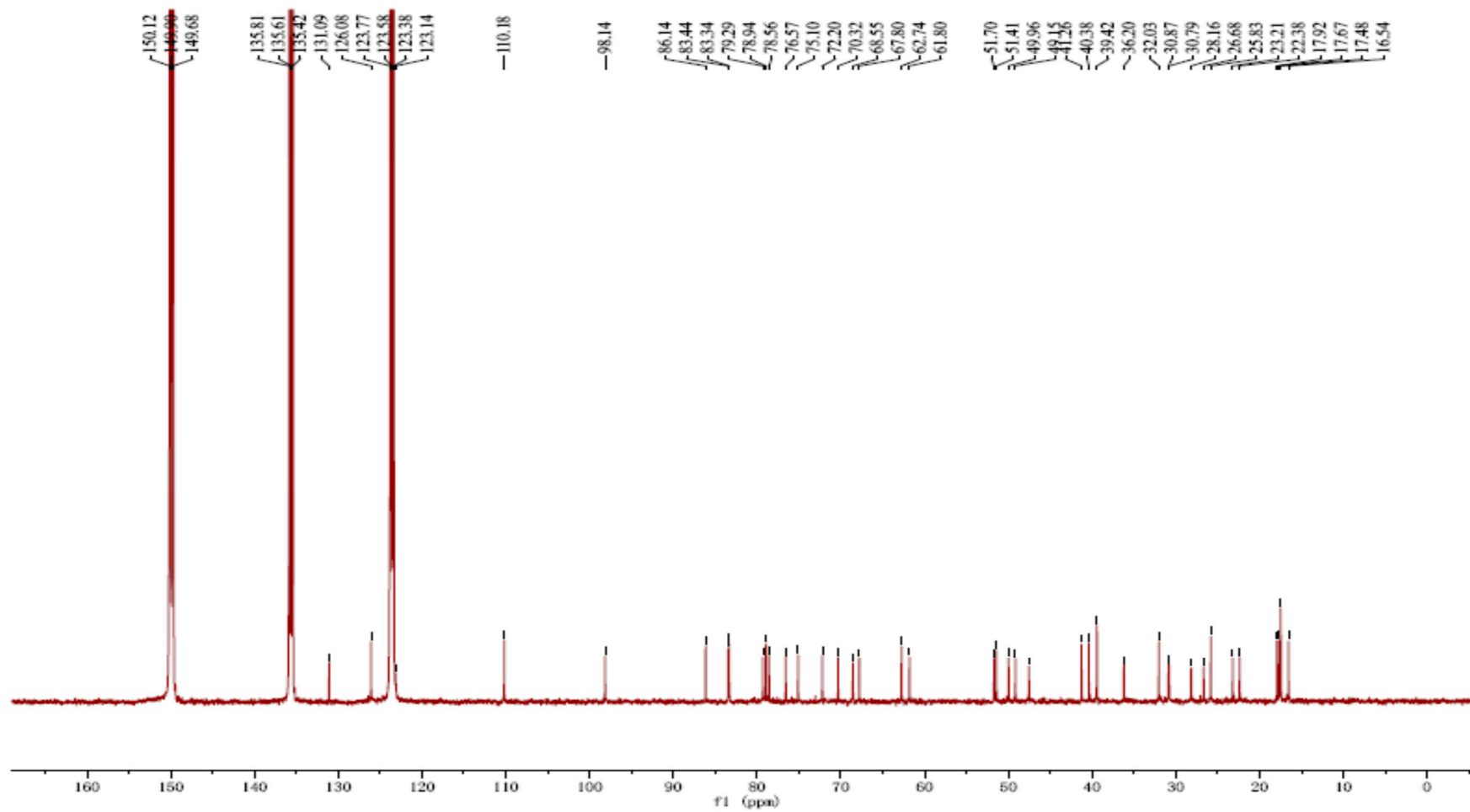


Figure S10. ¹³C-NMR spectrum of ginsenoside F₅ in pyridine-*d*₅.

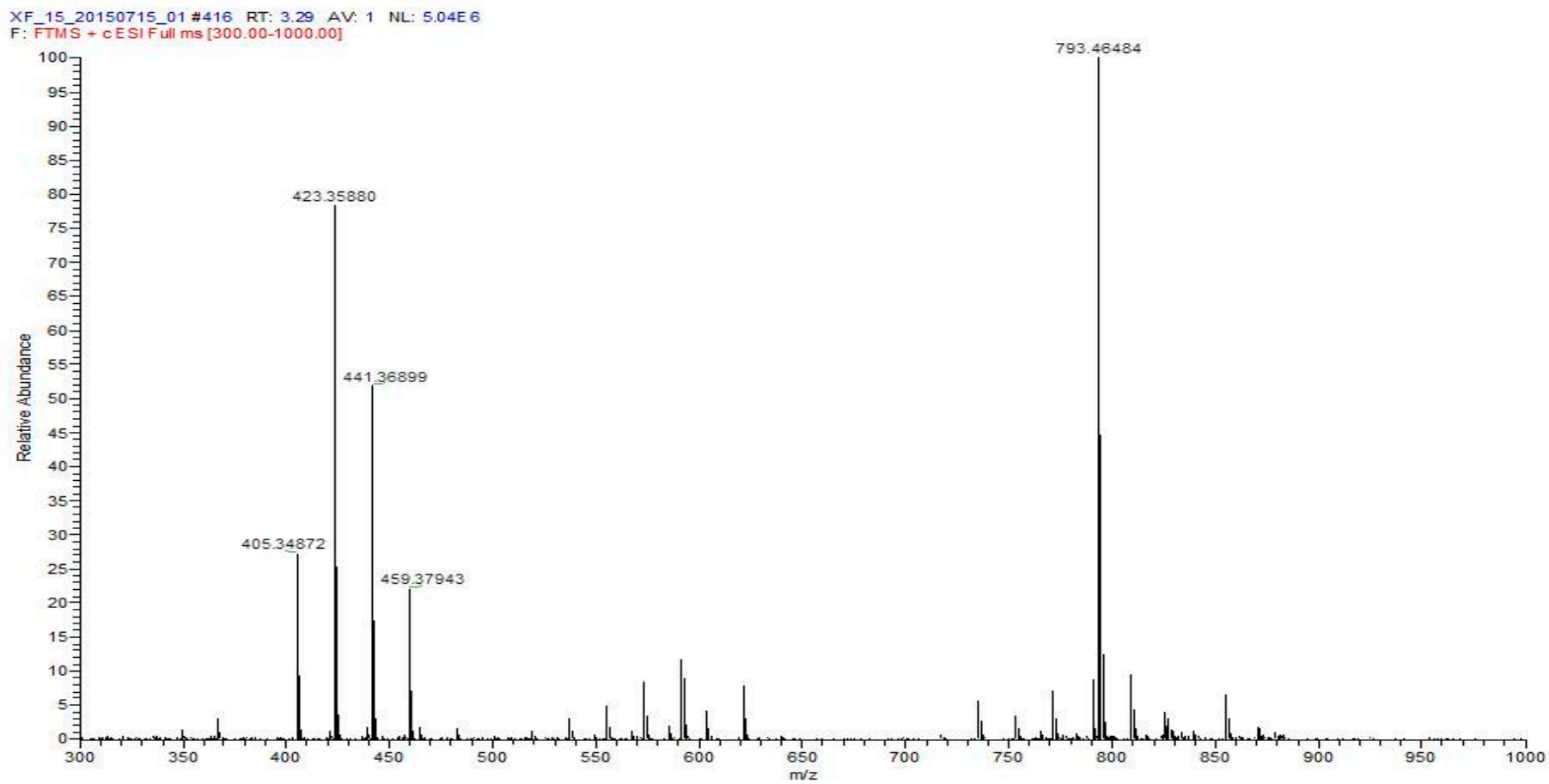


Figure S11. MS spectrum of ginsenoside F5.

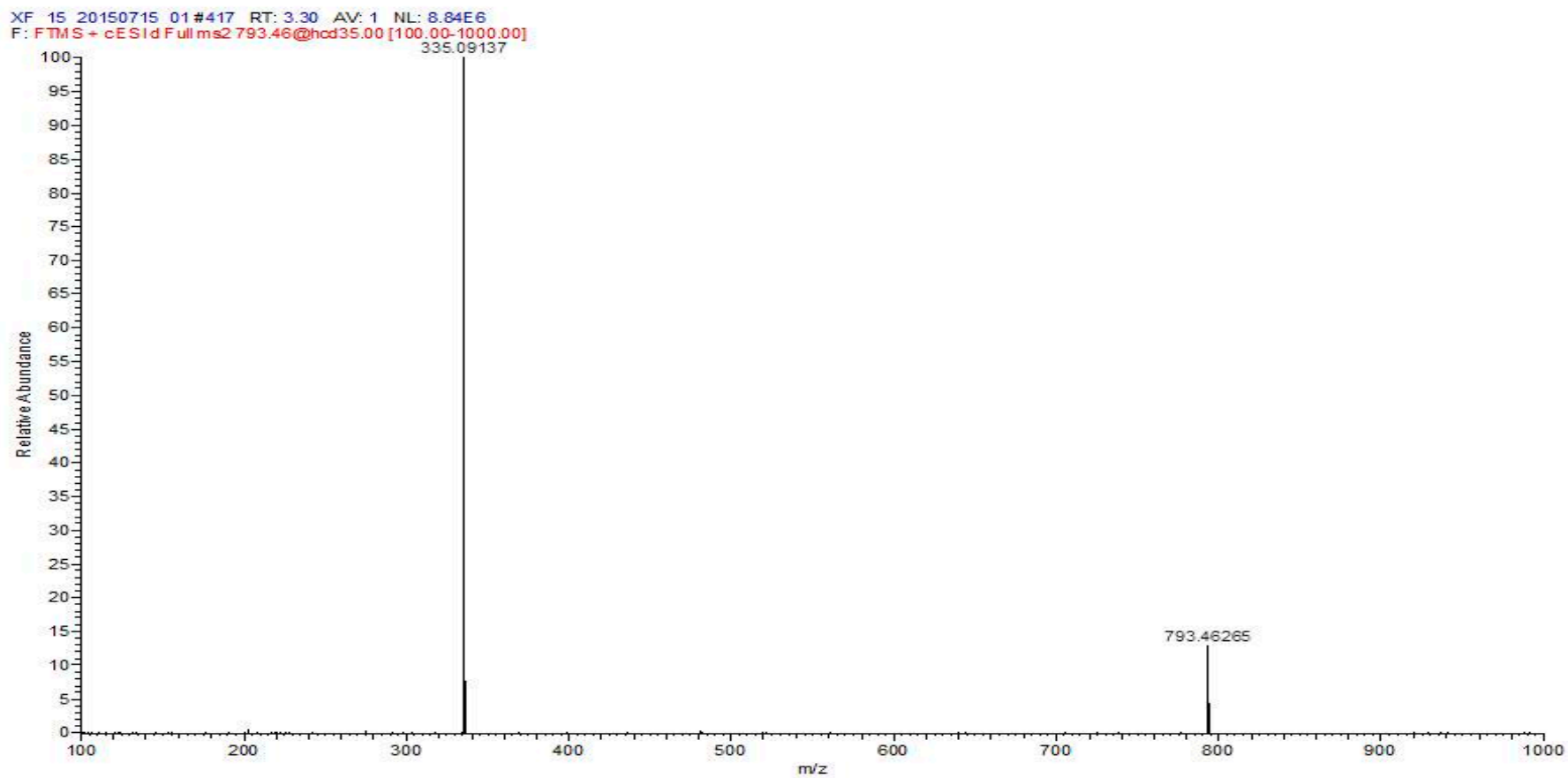


Figure S12. MS spectrum of ginsenoside F5.

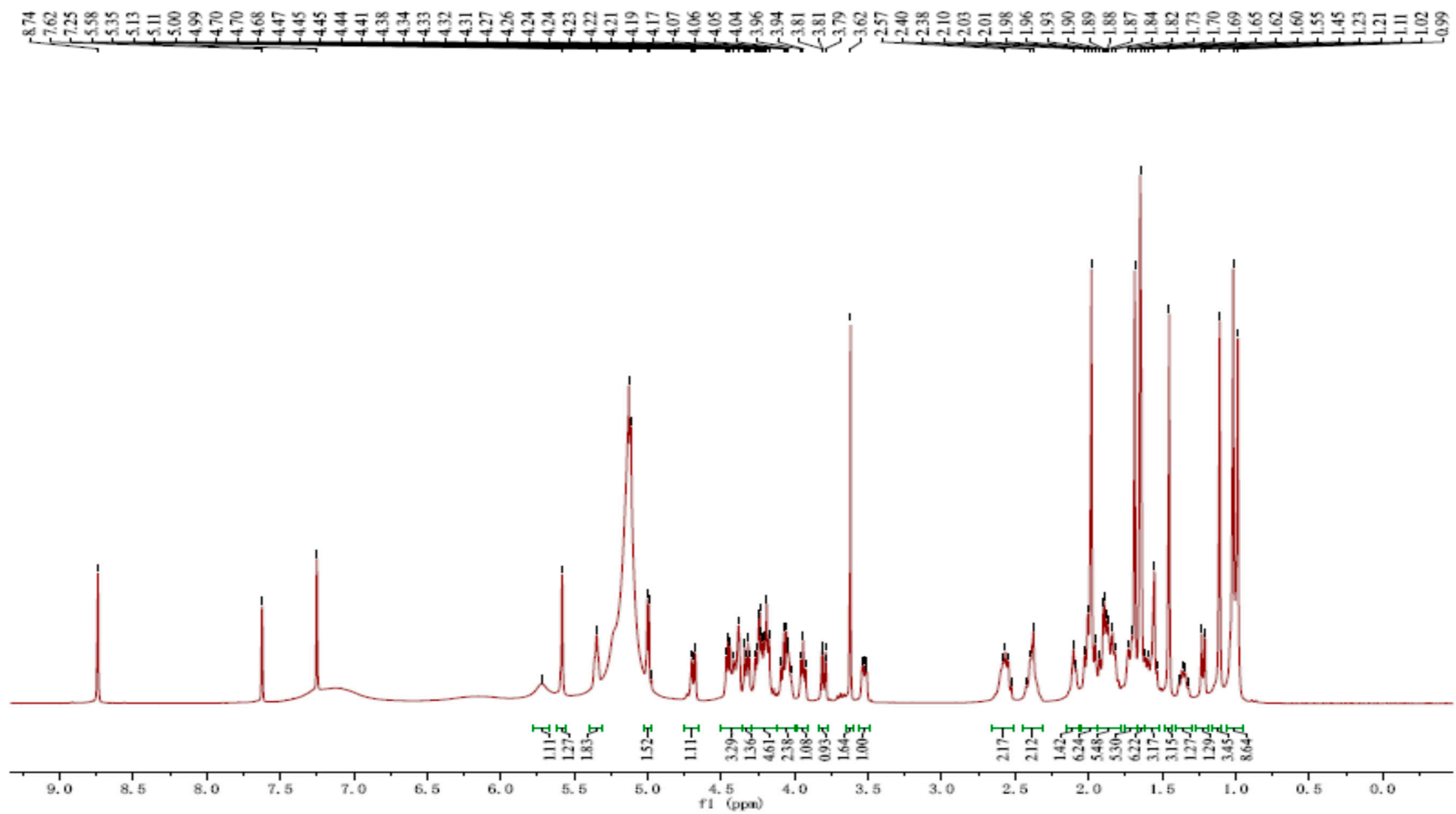


Figure S13. ^1H -NMR spectrum of ginsenoside F_3 in pyridine- d_5 .

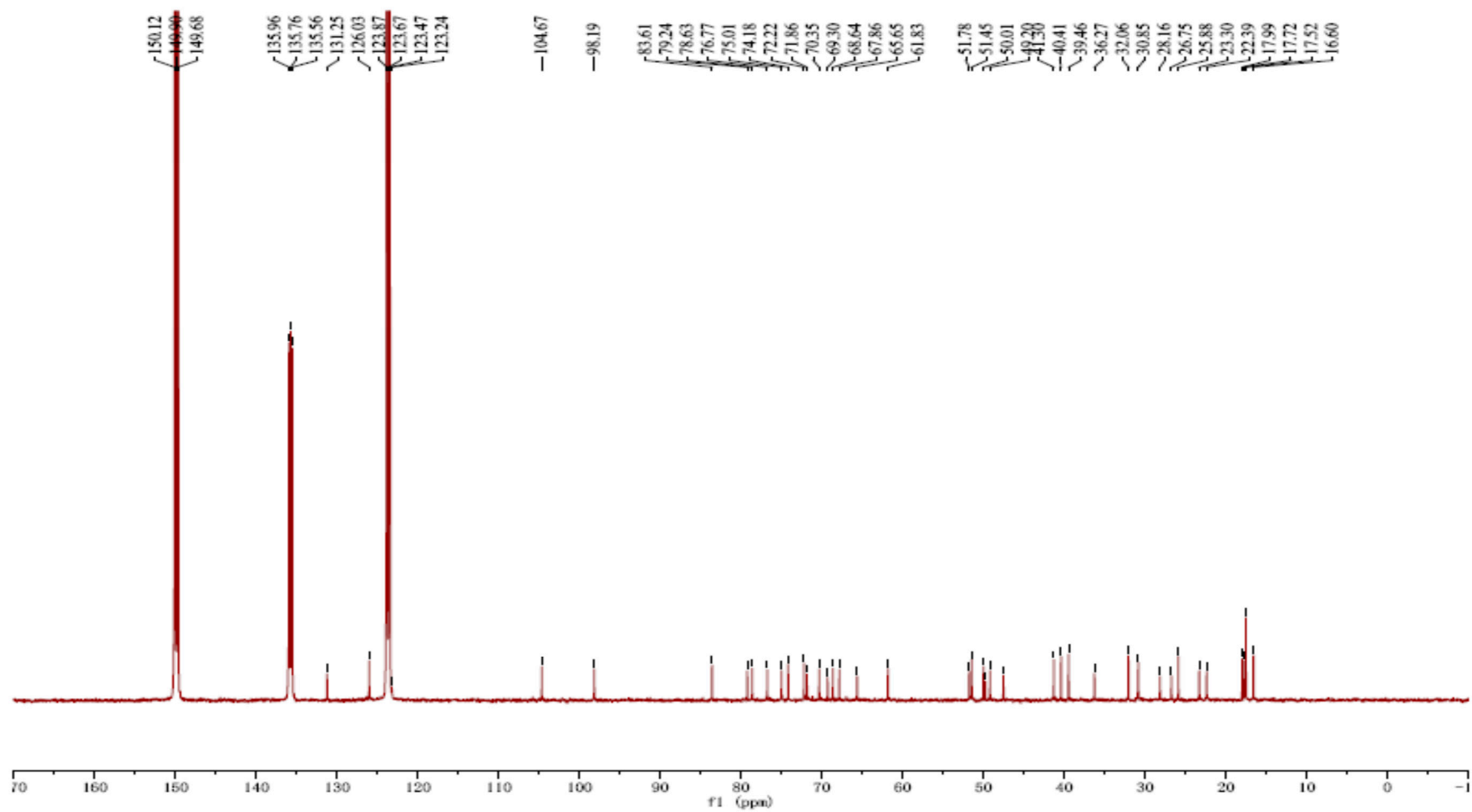


Figure S14. ^{13}C -NMR spectrum of ginsenoside F_3 in $\text{pyridine-}d_5$.

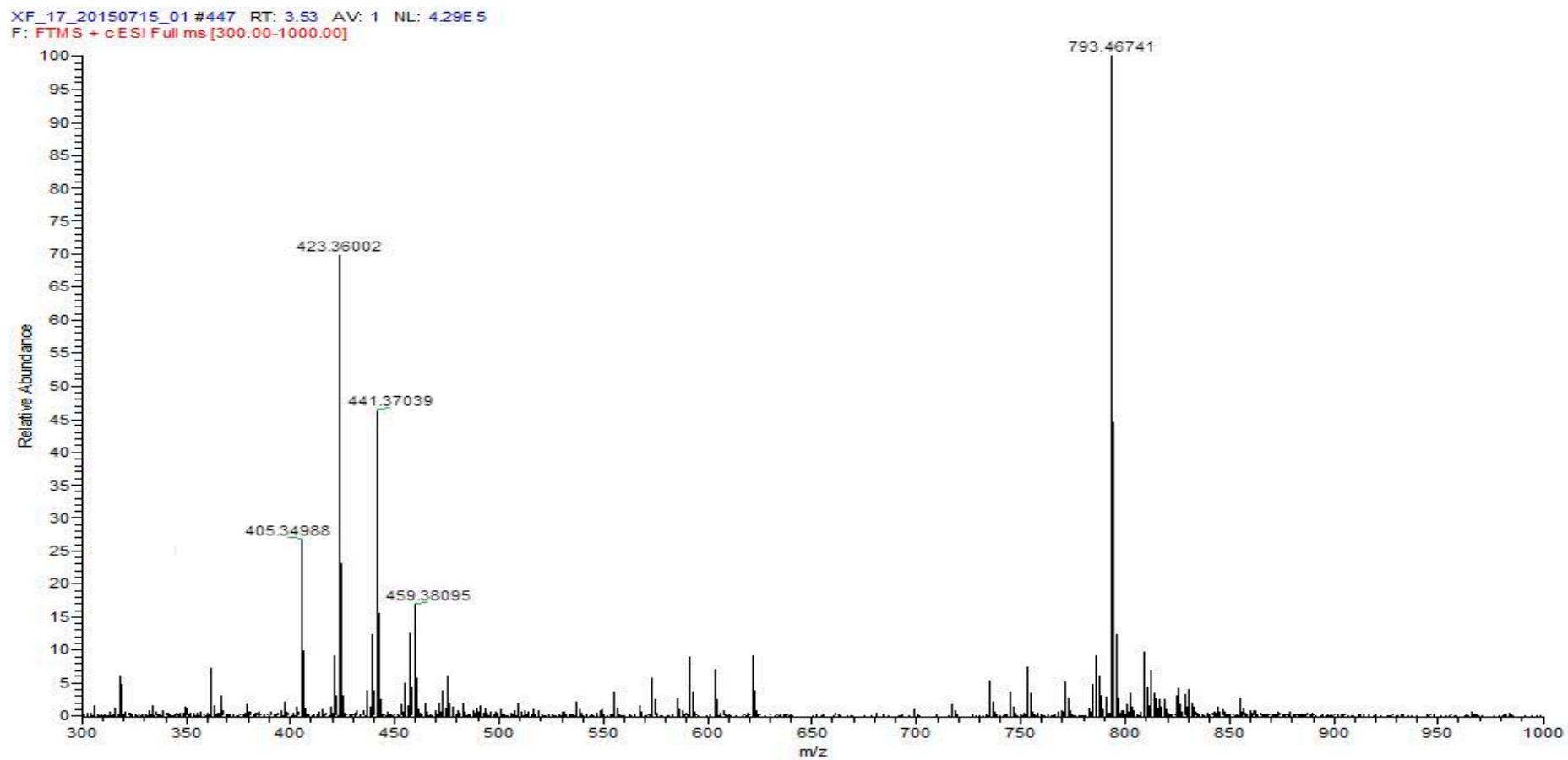


Figure S15. MS spectrum of ginsenoside F₃.

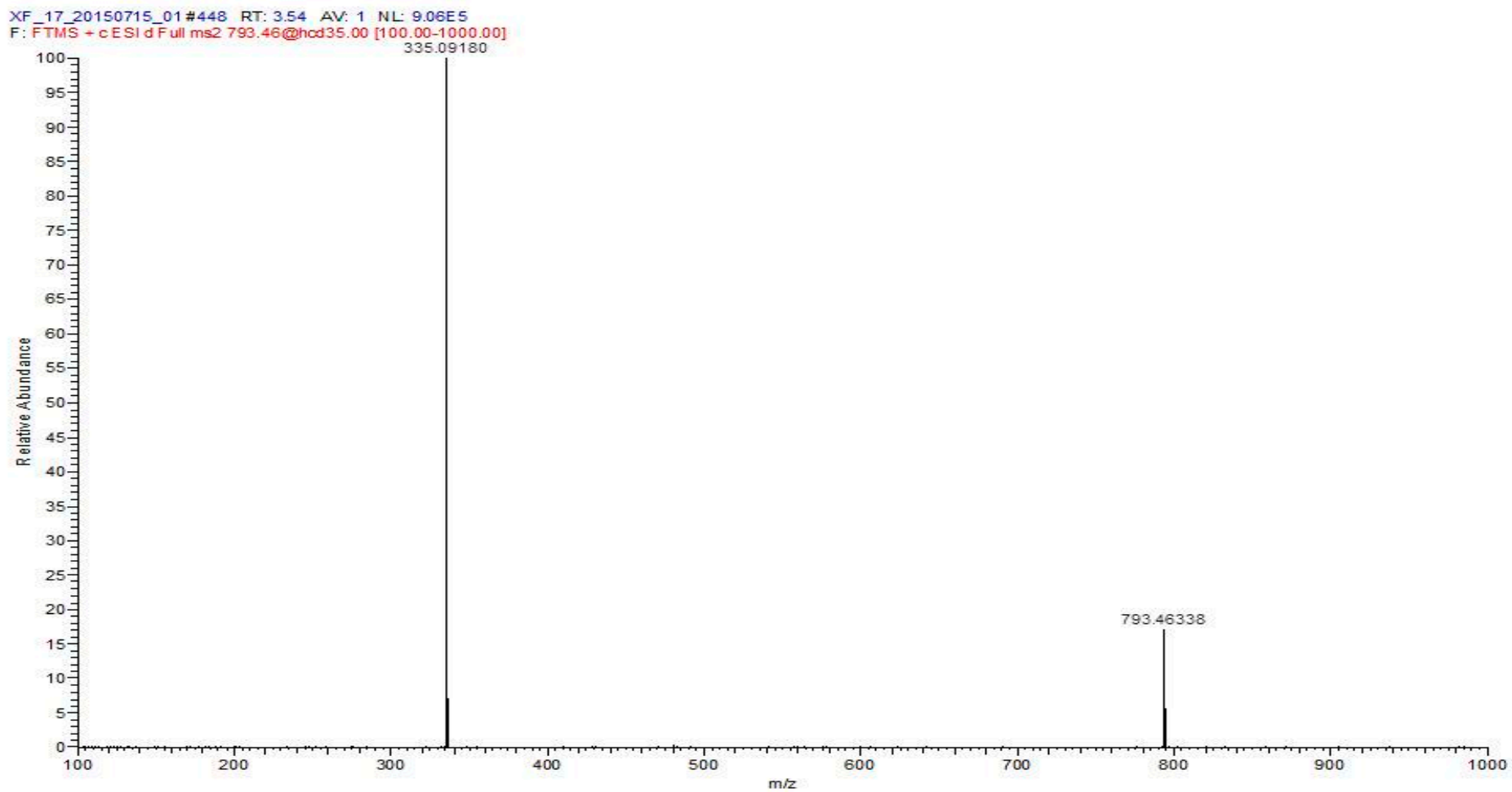


Figure S16. MS spectrum of ginsenoside F3.