

Supplementary Materials:

HPLC Analysis and In Vitro and In Silico Evaluation of the Biological Activity of Polyphenolic Components Separated with Solvents of Various Polarities from *Helichrysum italicum*

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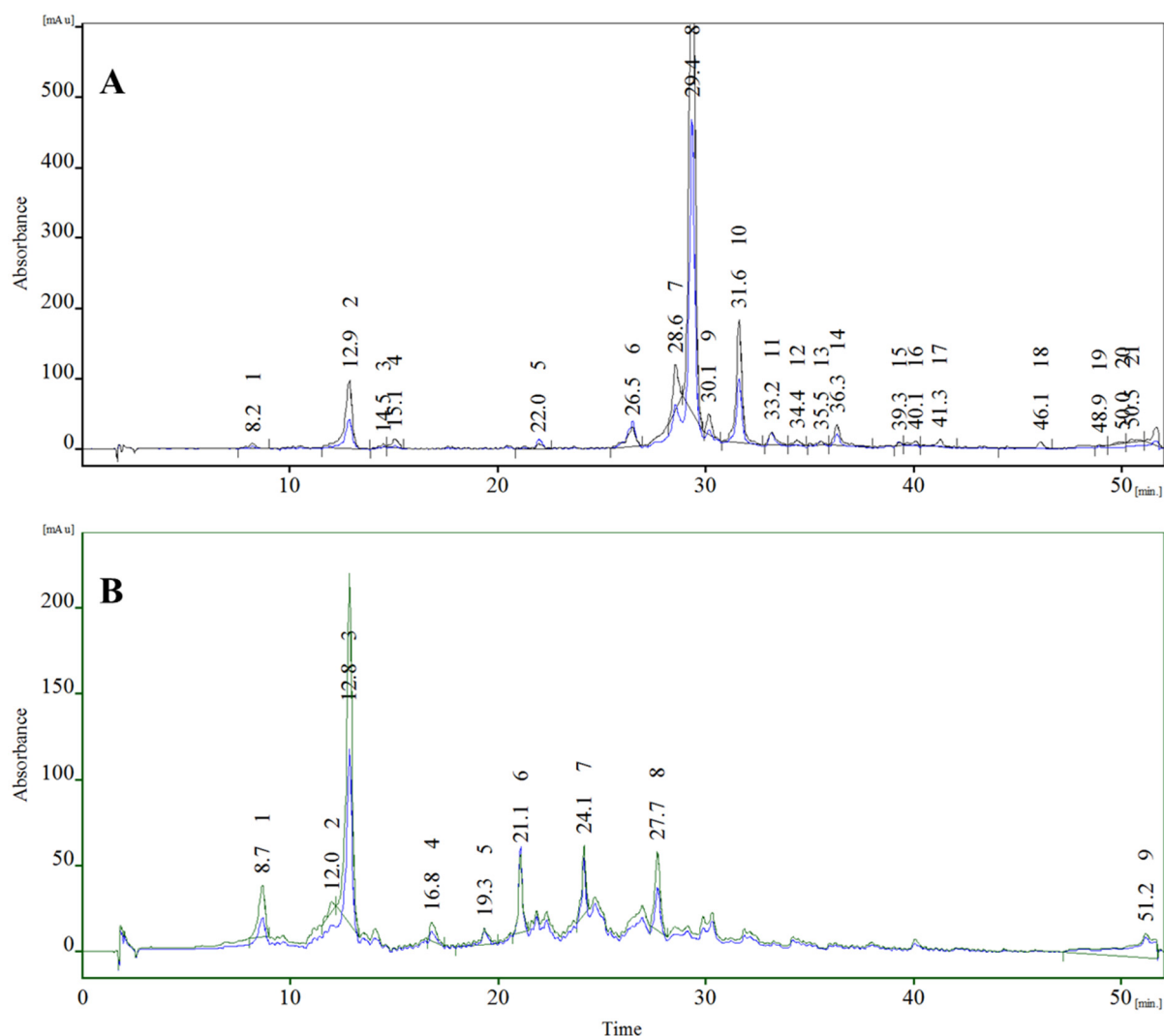


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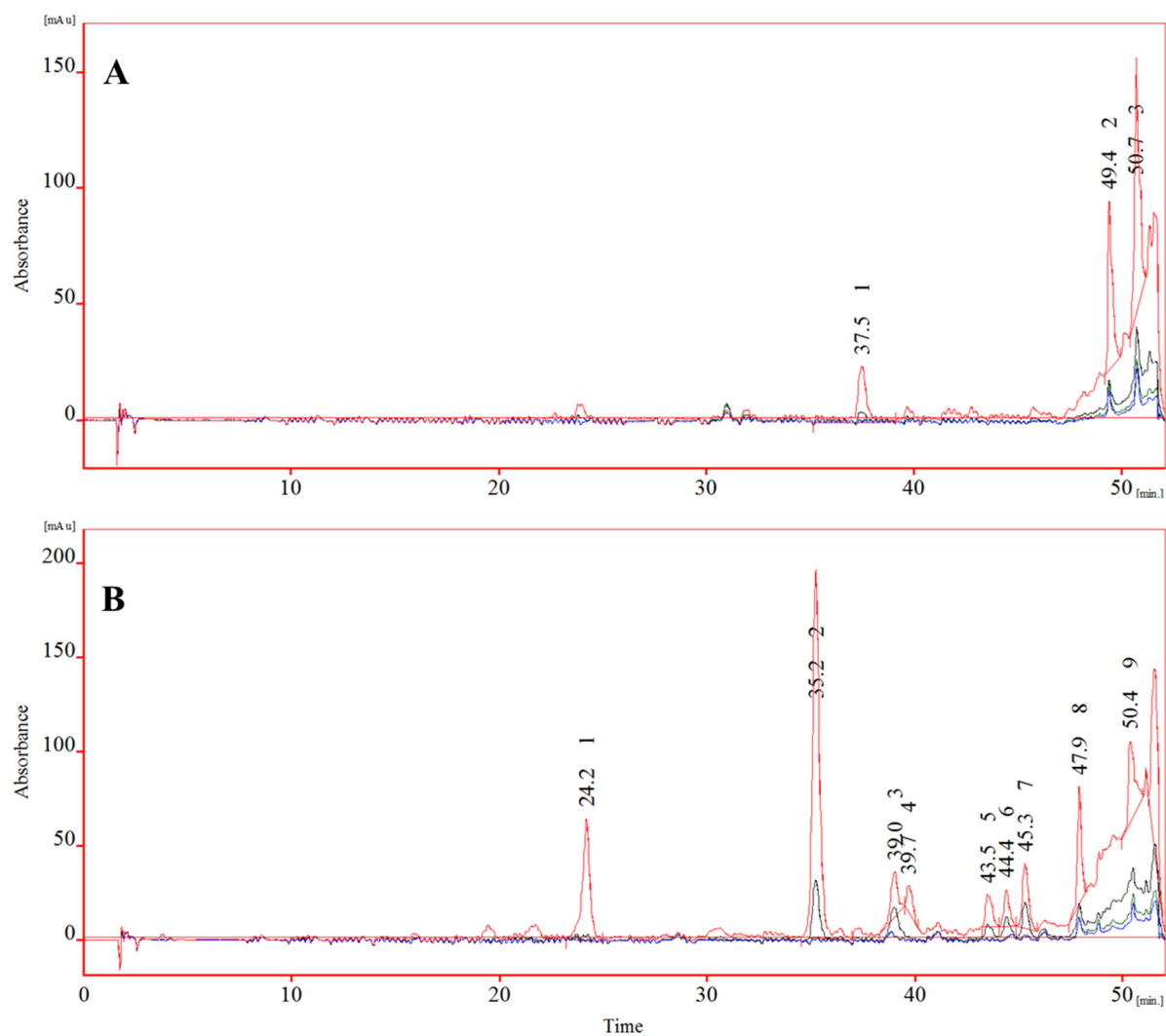


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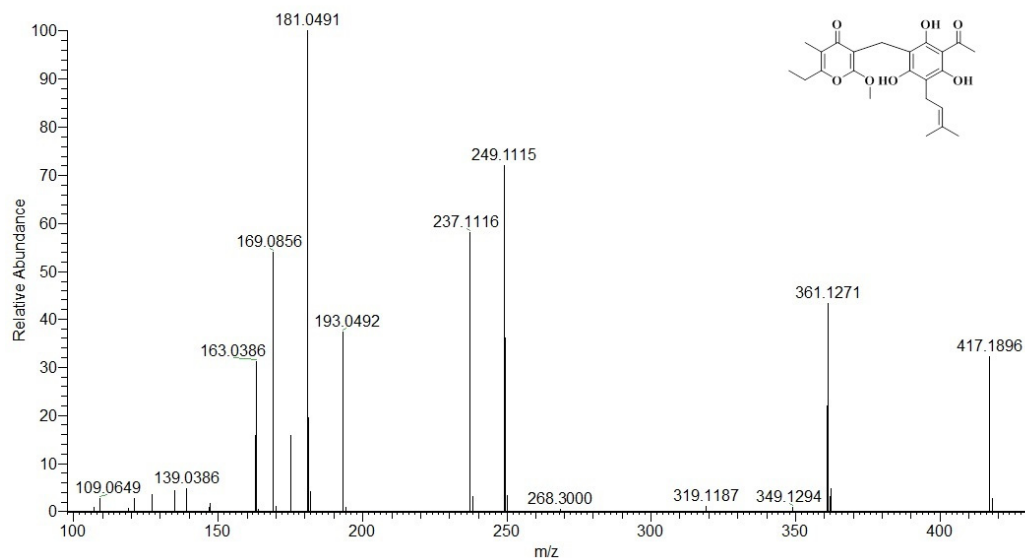


Figure S3. Mass spectrum of methylarzanol obtained by positive ion ESI-MS/MS

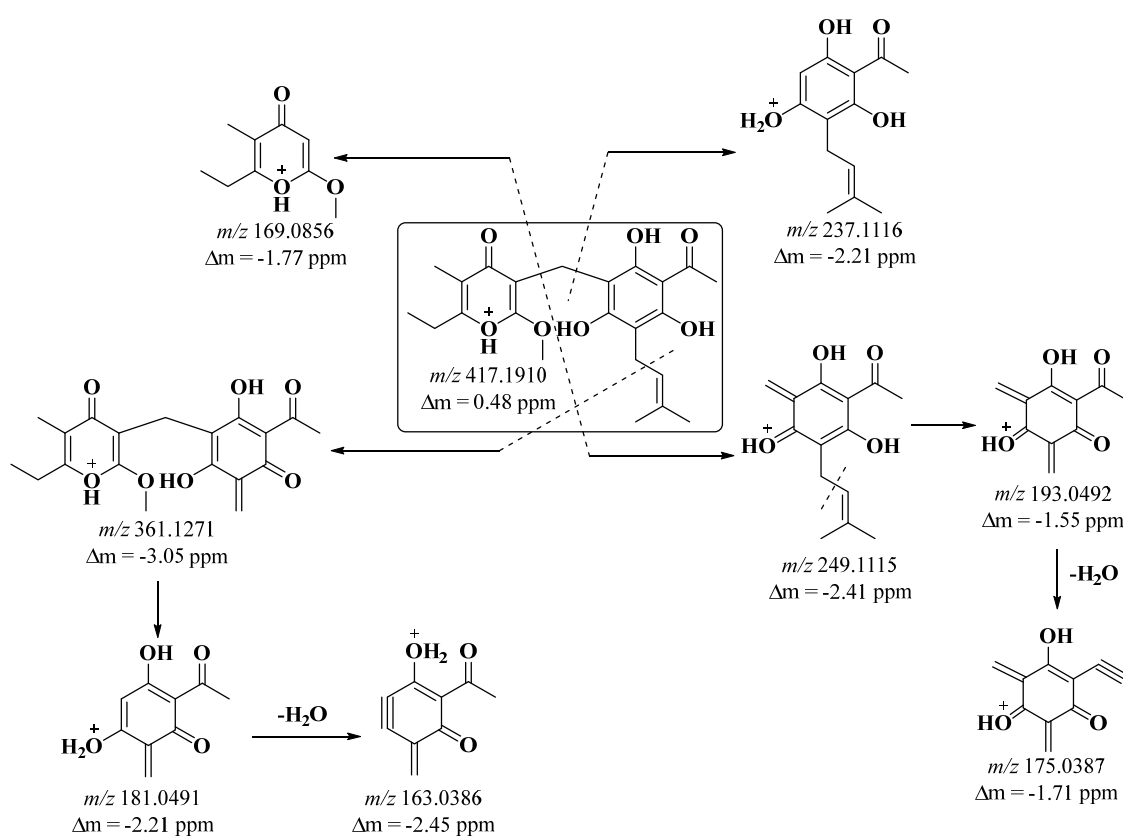


Figure S4. Proposed fragmentation of protonated methylarzanol $[M+H]^+$.

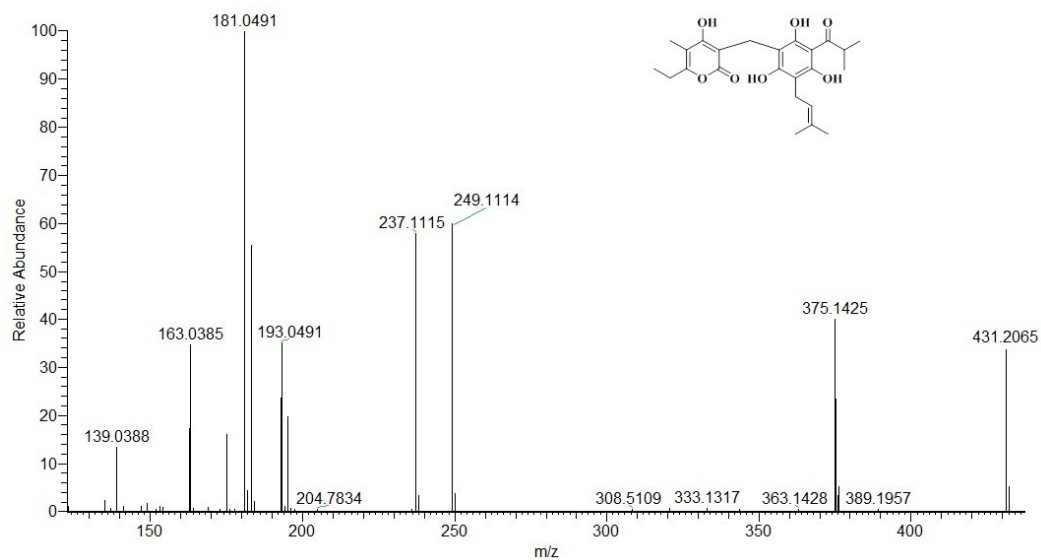


Figure S5. Mass spectrum of arzanol derivative obtained by positive ion ESI-MS/MS

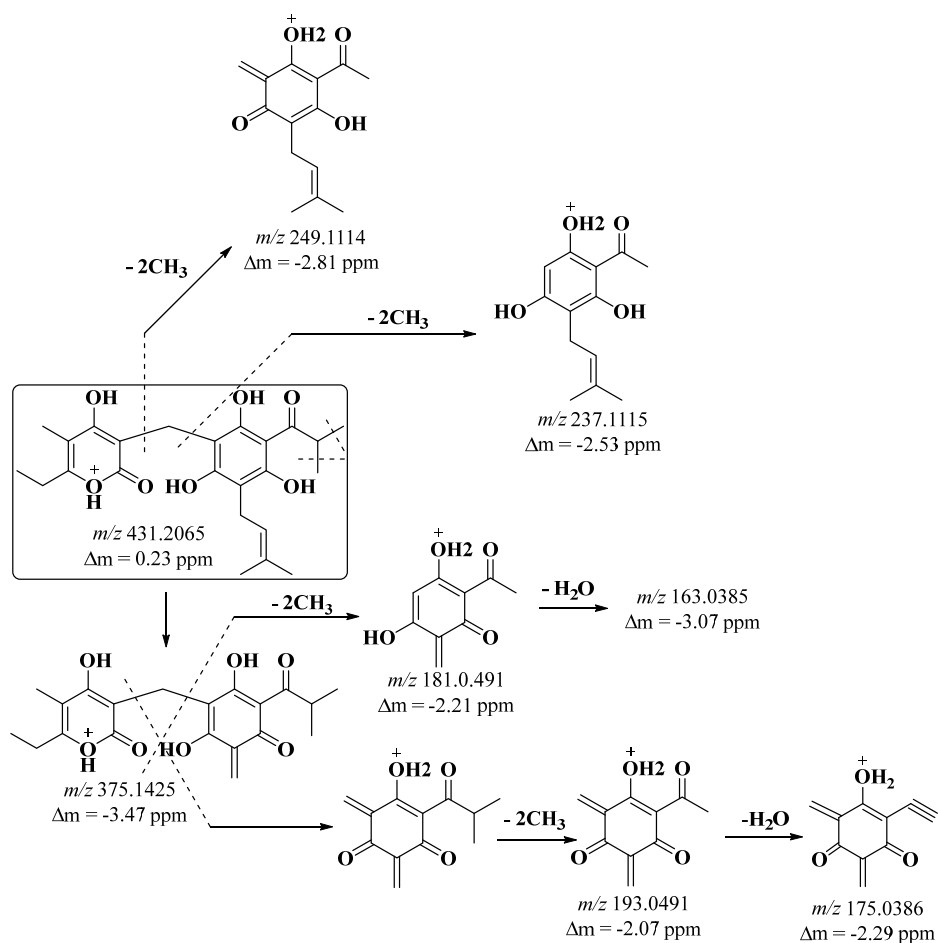


Figure S6. Proposed fragmentation of protonated arzanol derivative $[M+H]^+$.

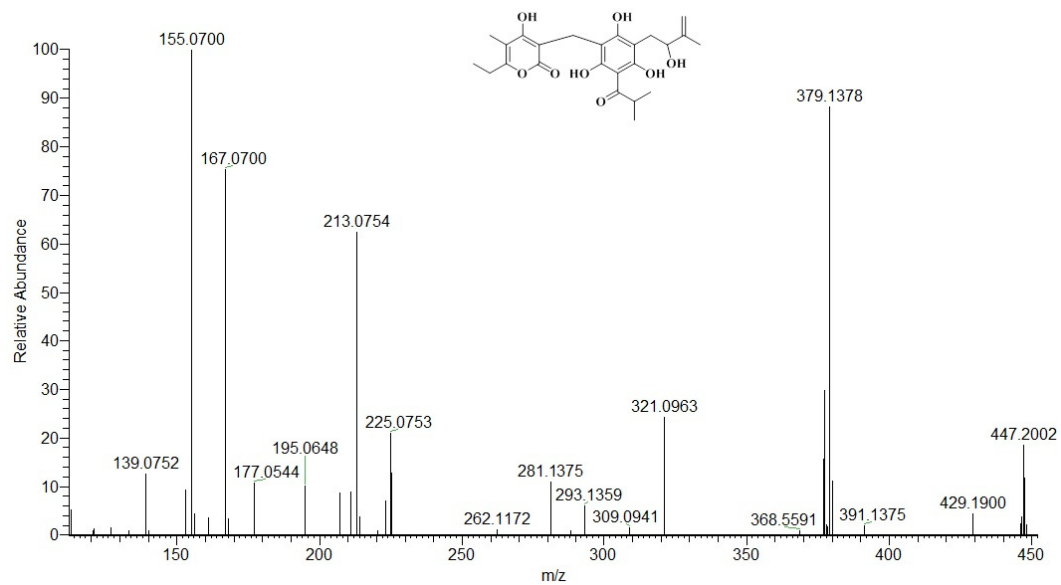


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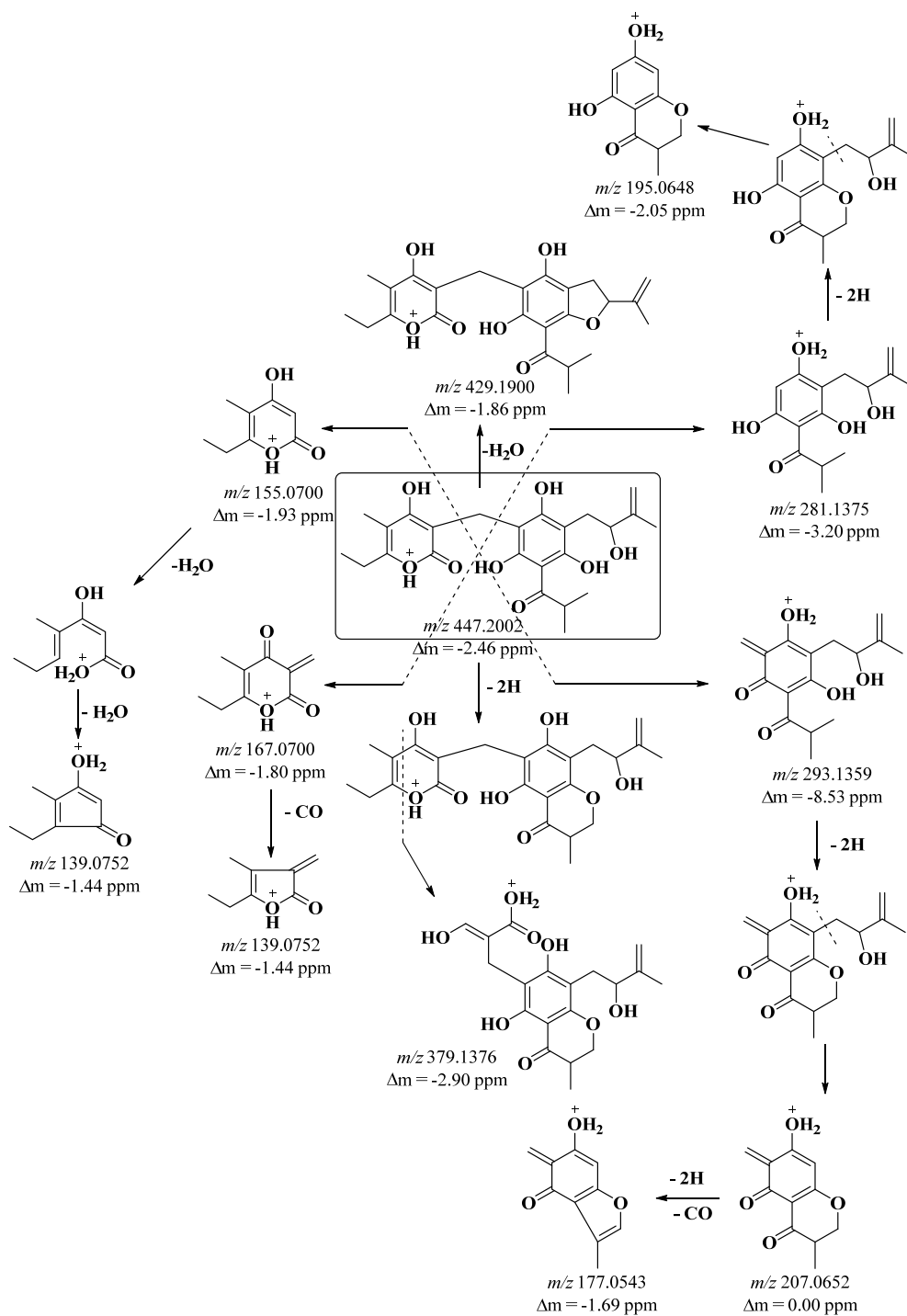


Figure S8. Proposed fragmentation of protonated heliarzanol $[M+H]^+$.

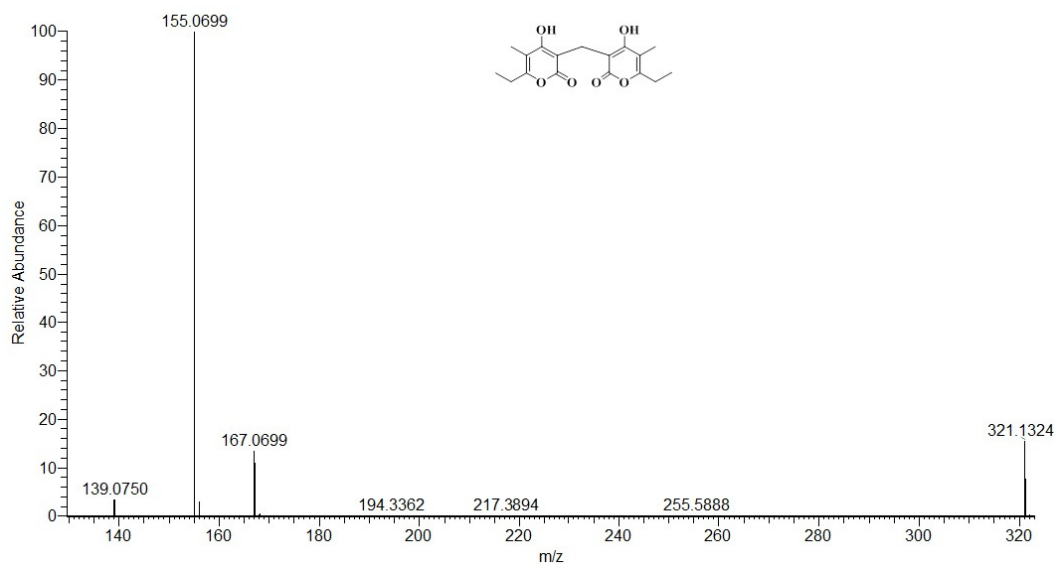


Figure S9. Mass spectrum of helipyron obtained by positive ion ESI-MS/MS

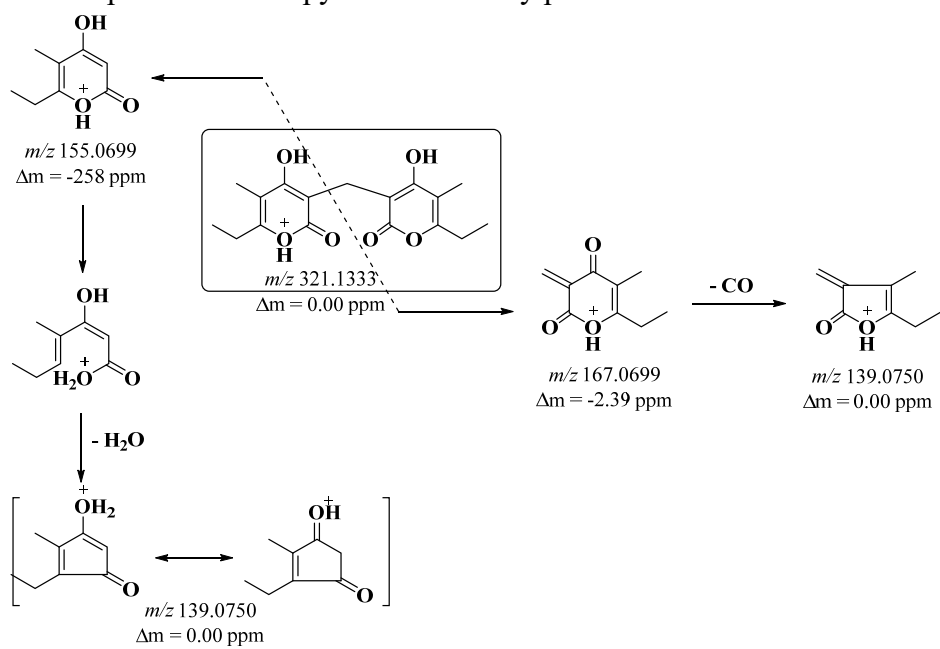


Figure S10. Proposed fragmentation of protonated helipyron $[M+H]^+$.

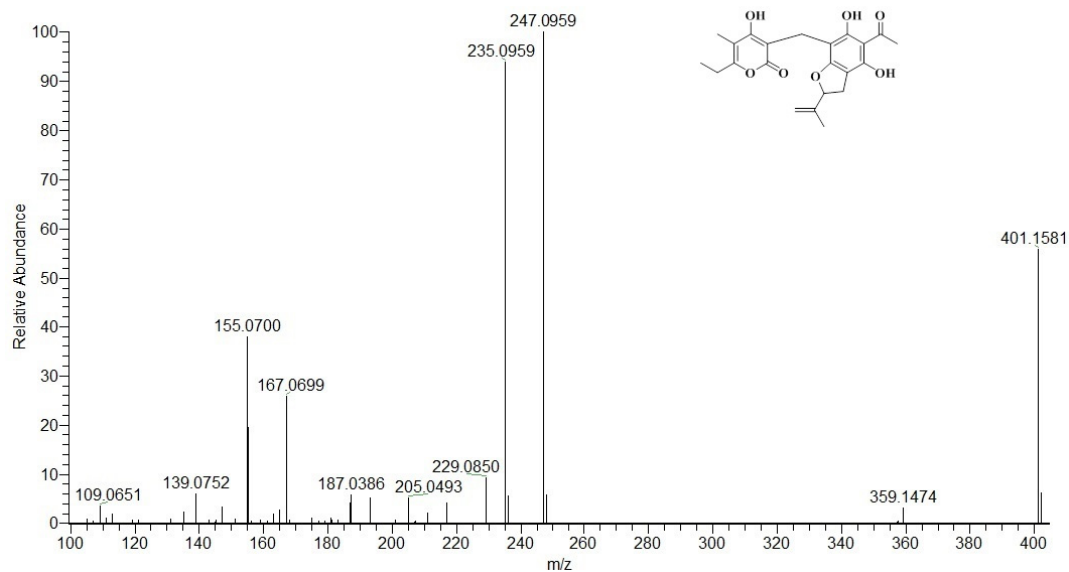


Figure S11. Mass spectrum of italipyron obtained by positive ion ESI-MS/MS

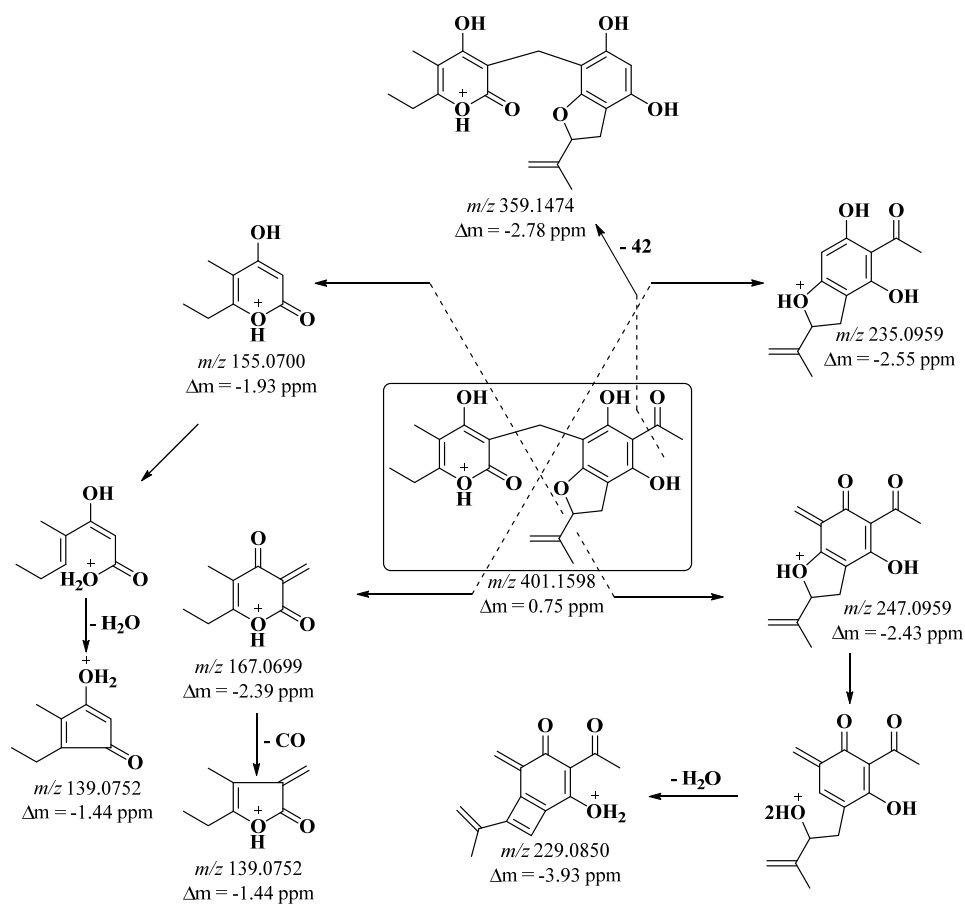


Figure S12. Proposed fragmentation of protonated italipyron $[M+H]^+$.

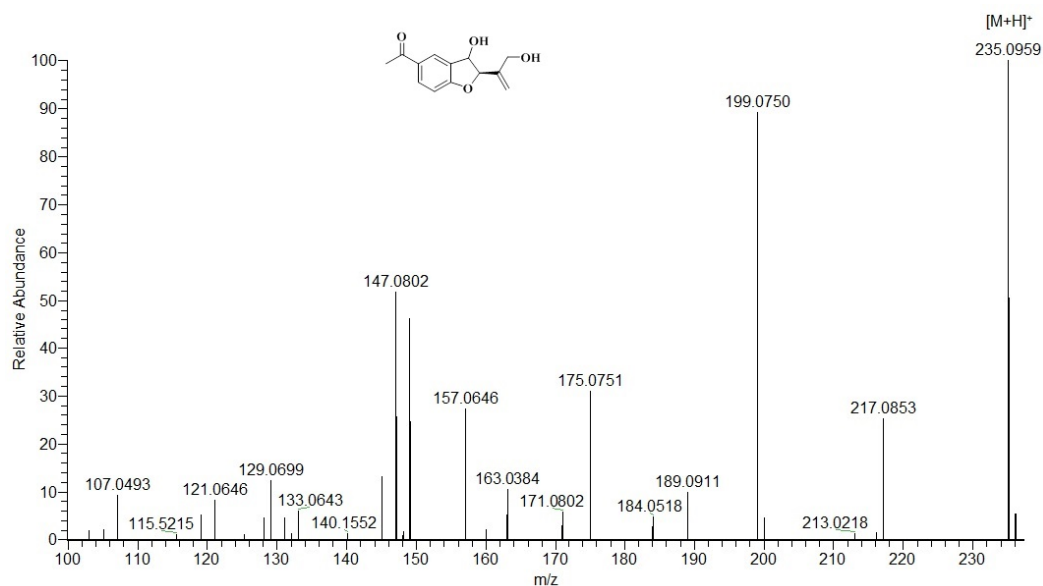


Figure S13. Mass spectrum of gnaphaliol obtained by positive ion ESI-MS/MS

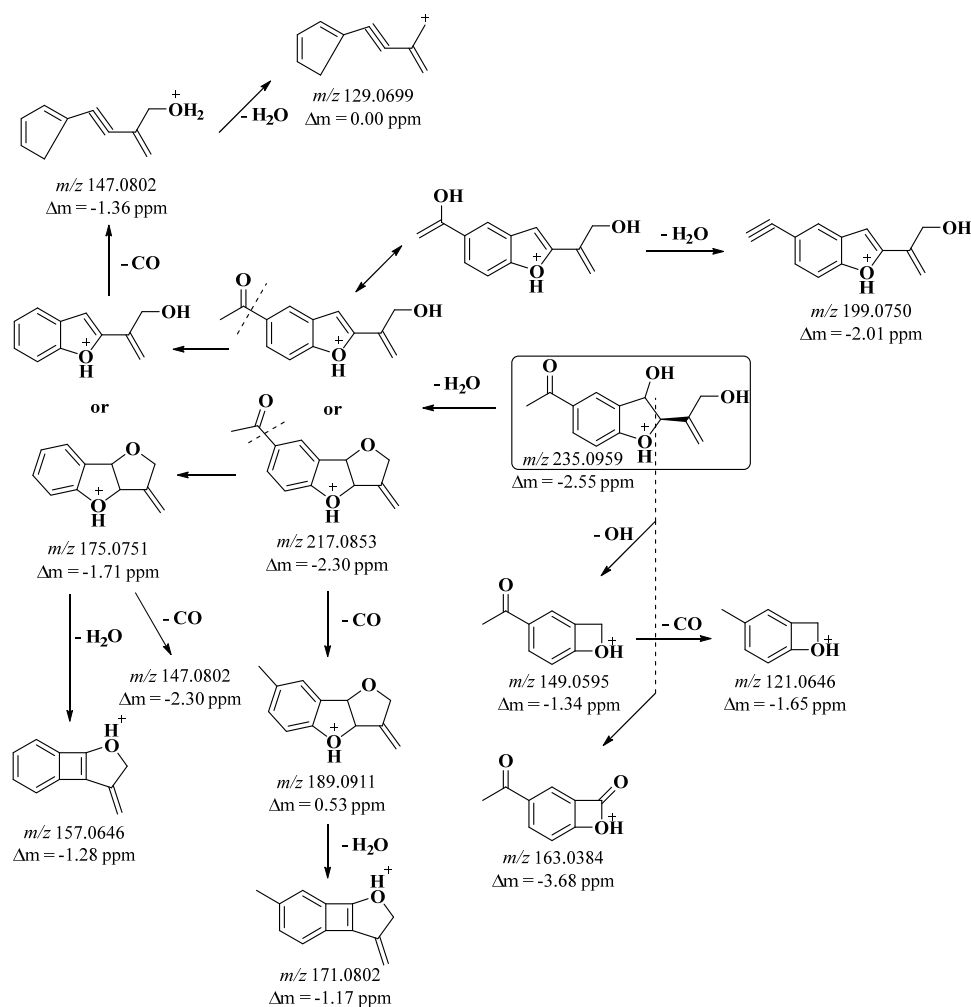


Figure S14. Proposed fragmentation of protonated gnaphaliol $[M+H]^+$.

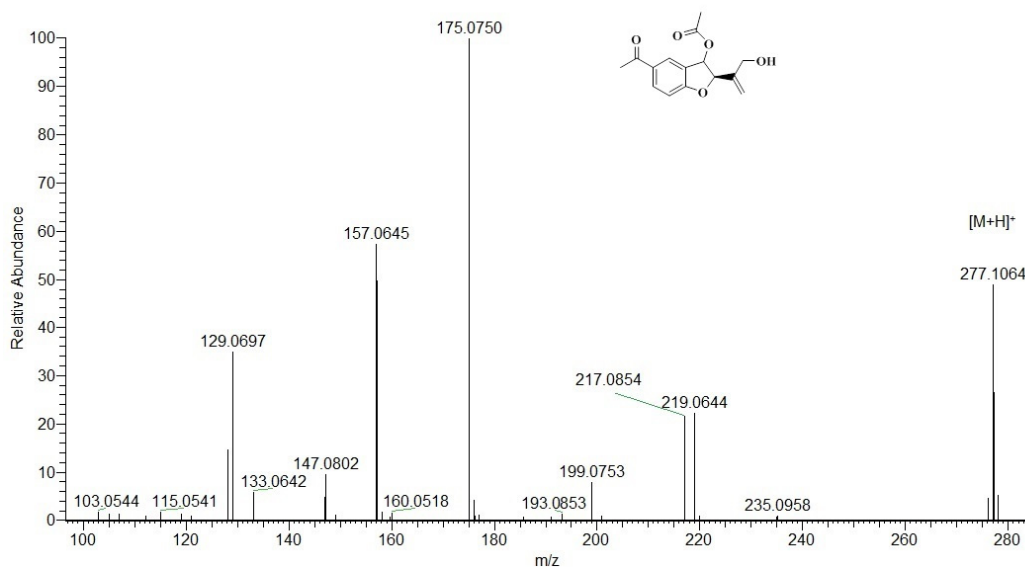


Figure S15. Mass spectrum of 3-actoxy-10-hydroxytremeton obtained by positive ion ESI-MS/MS

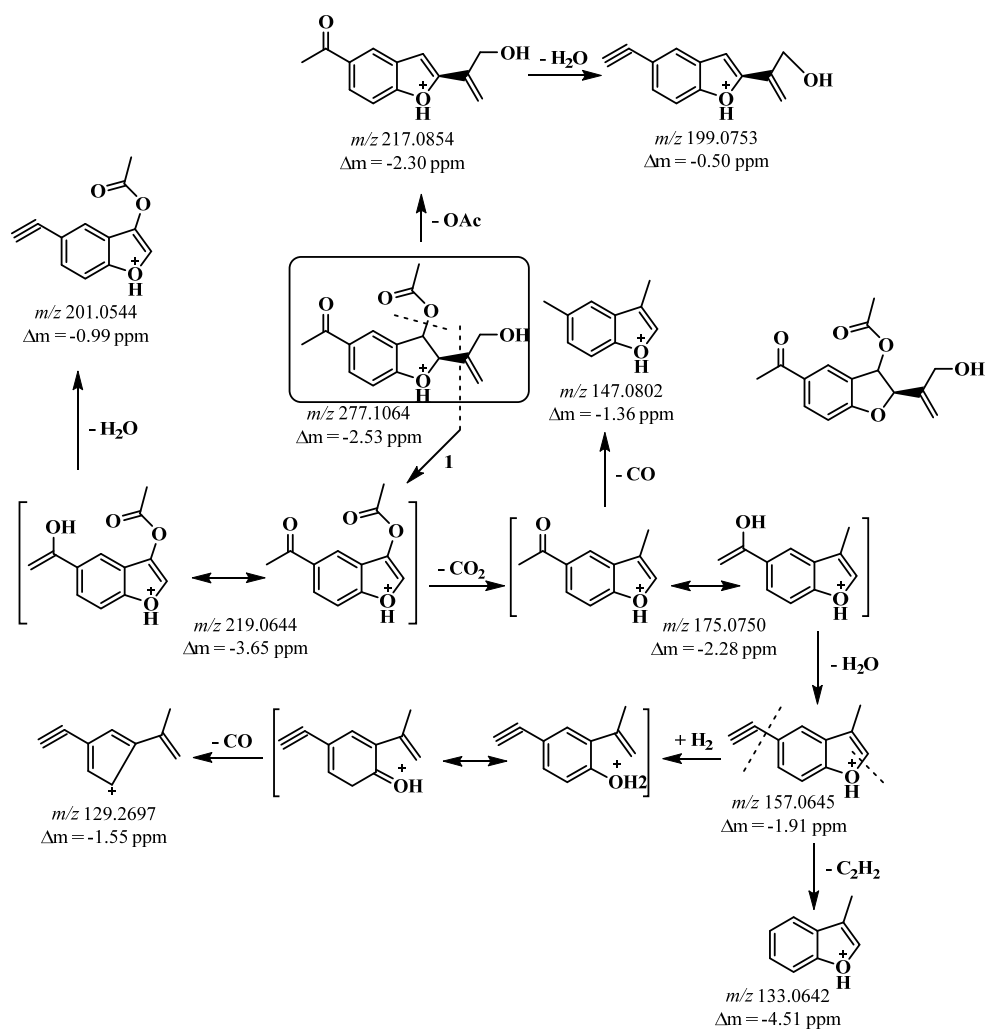


Figure S16. Proposed fragmentation of protonated 3-actoxy-10-hydroxytremeton [M+H]⁺.

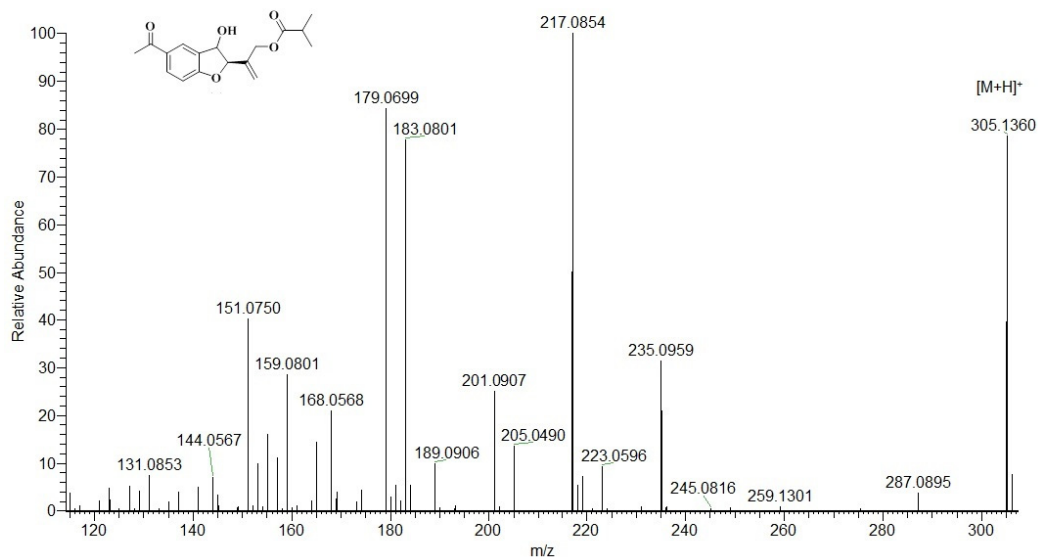


Figure S17. Mass spectrum of 13-(2-methylpropanoyloxy)toxol obtained by positive ion ESI-MS/MS

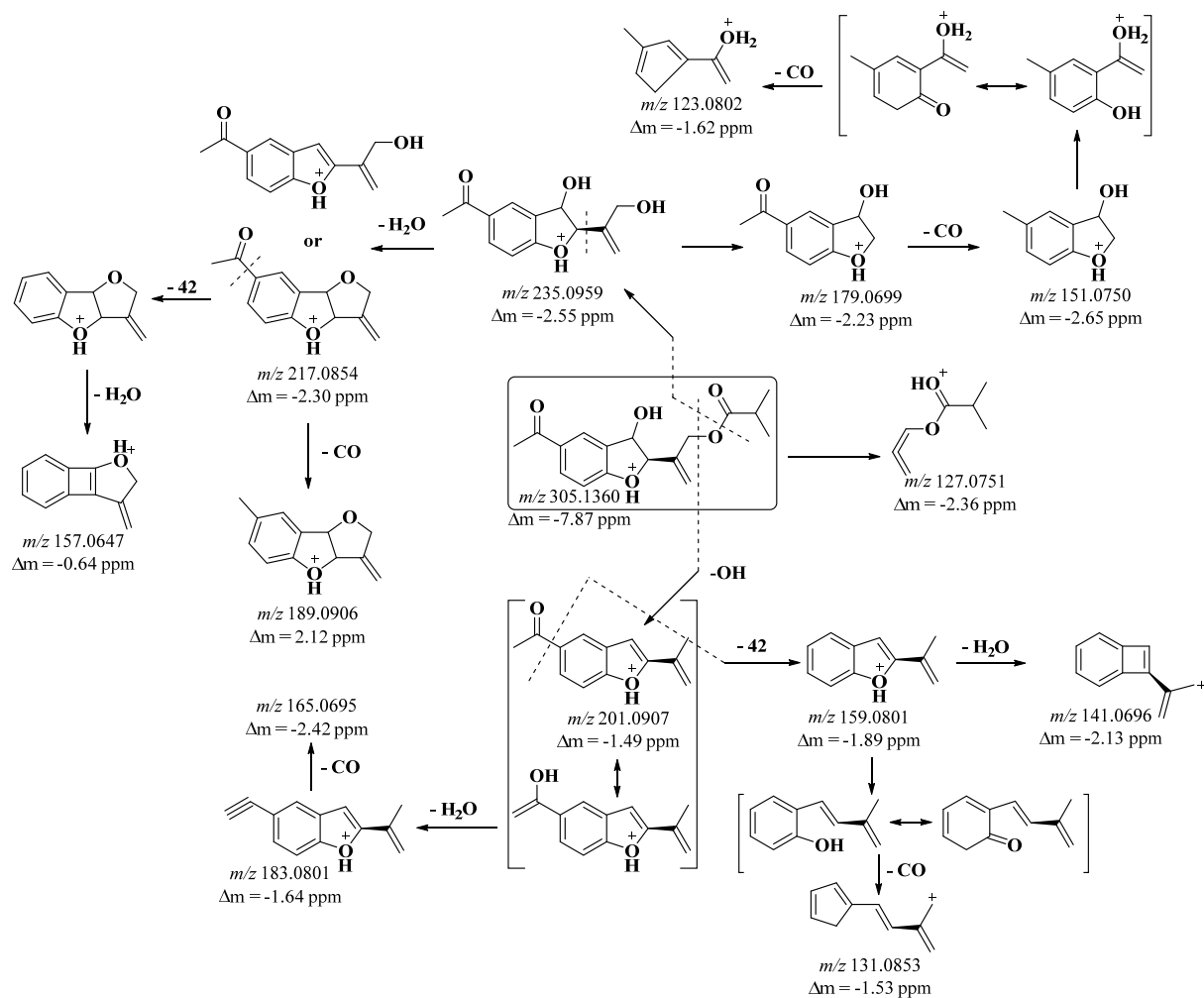


Figure S18. Proposed fragmentation of protonated 13-(2-methylpropanoyloxy)toxol $[M+H]^+$.

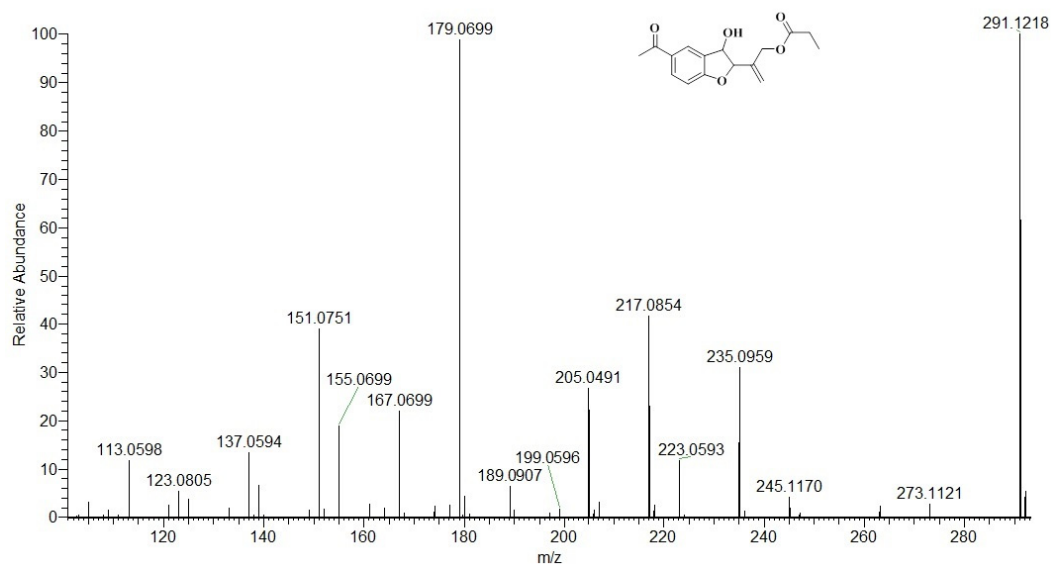


Figure S19. Mass spectrum of 3-hydroxy-10-propanoyloxy tremeton obtained by positive ion ESI-MS/MS

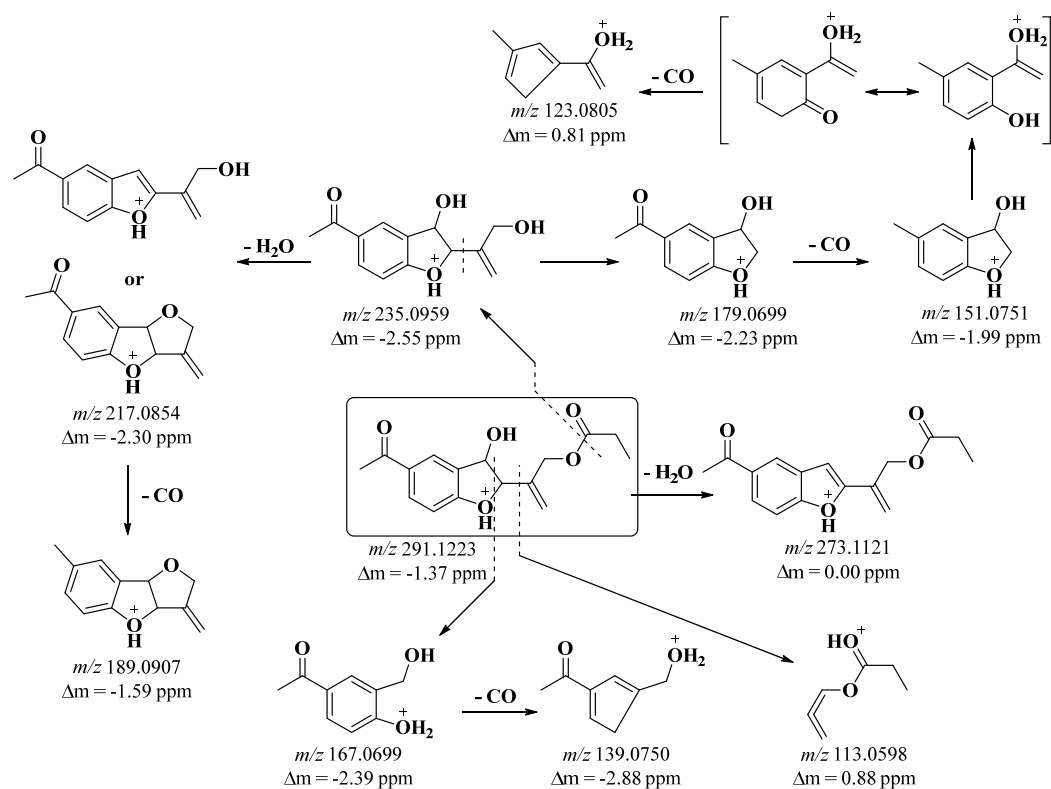


Figure S20. Proposed fragmentation of protonated 3-hydroxy-10-propanoyloxy tremeton $[M+H]^+$.

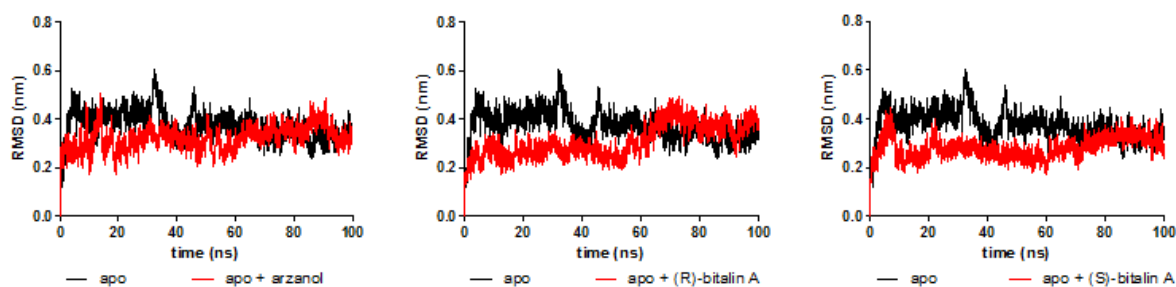


Figure S21. RMSD of protein backbone when complexed with arzanol, (R)-bitalin A and (S)-bitalin A compared with the and apo form

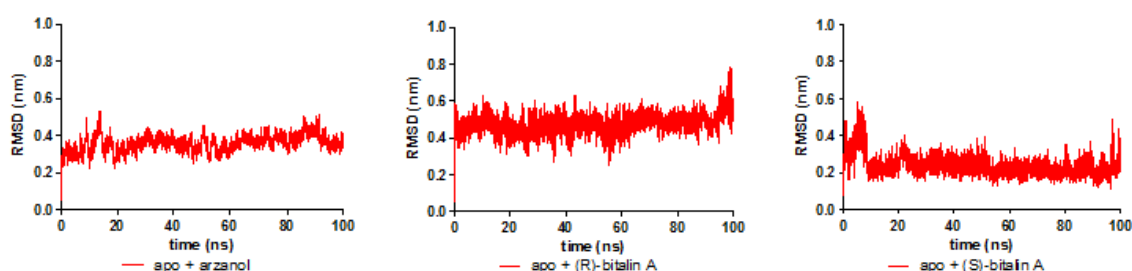


Figure S22. RMSD of arzanol, (R)-bitalin A and (S)-bitalin A when complexed with albumin

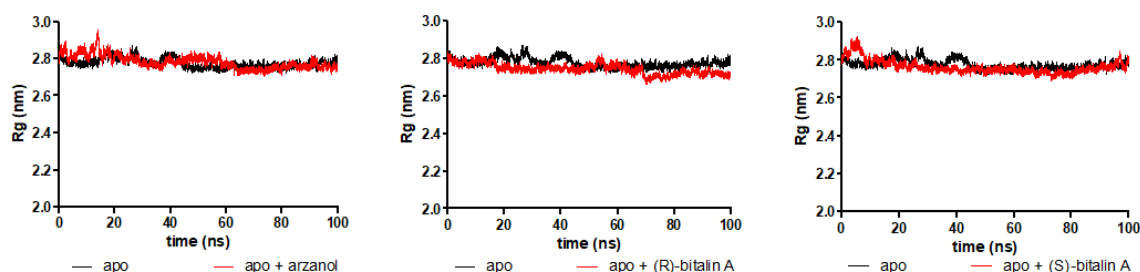


Figure S23. Radius of gyration of protein atoms when complexed with arzanol, (R)-bitalin A and (S)-bitalin A compared with the and apo form

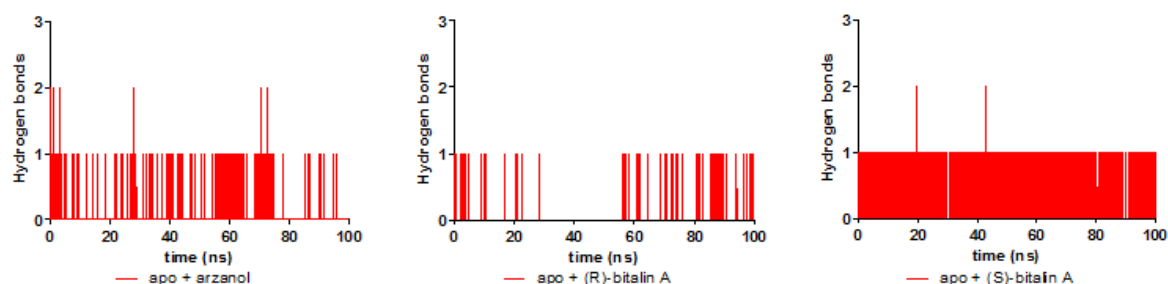


Figure S24. Number of hydrogen bonds between albumin and arzanol, (R)-bitalin A and (S)-bitalin A