Mass Spectrometry Study about In Vitro and In Vivo Reaction between Metformin and Glucose: A Preliminary Investigation on Alternative Biological Behavior

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Supplementary Materials

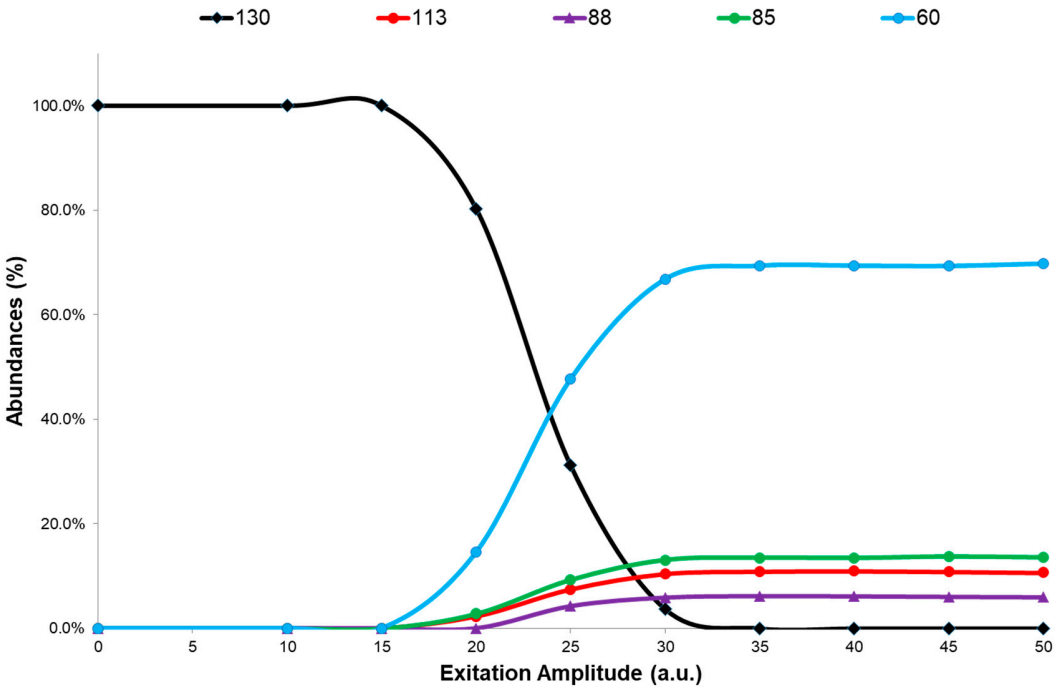


Figure S1. Collision breakdown curves of $[M+H]^+$ of metformin (m/z 130) at different excitation amplitudes.

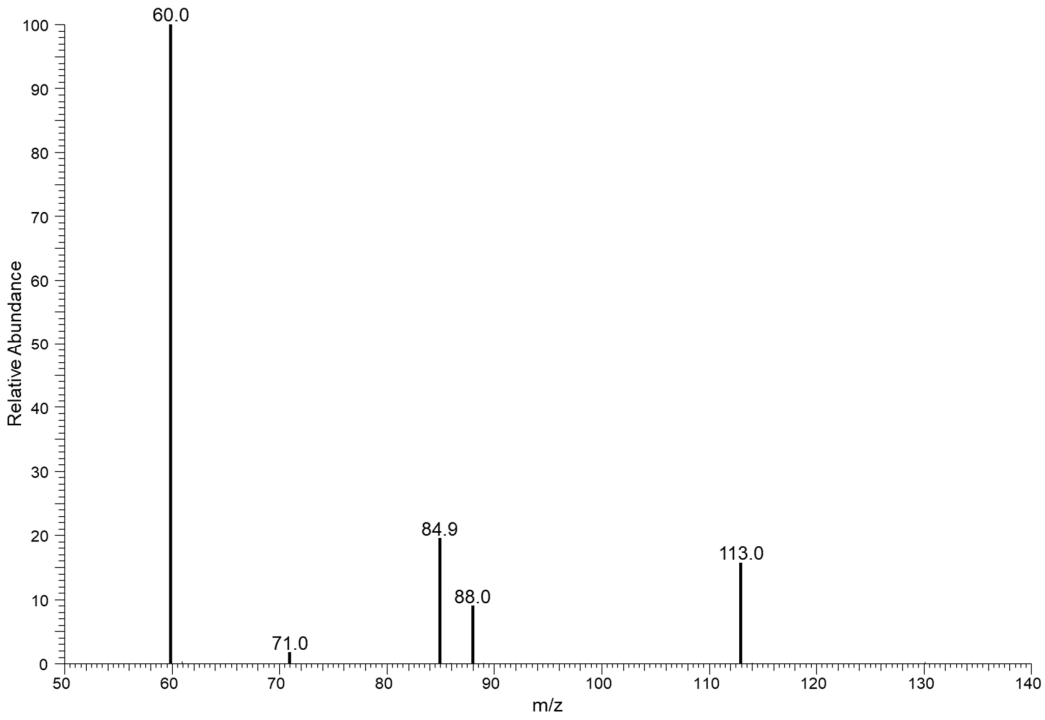


Figure S2. MS/MS spectrum at its ExA_{max} of metformin.

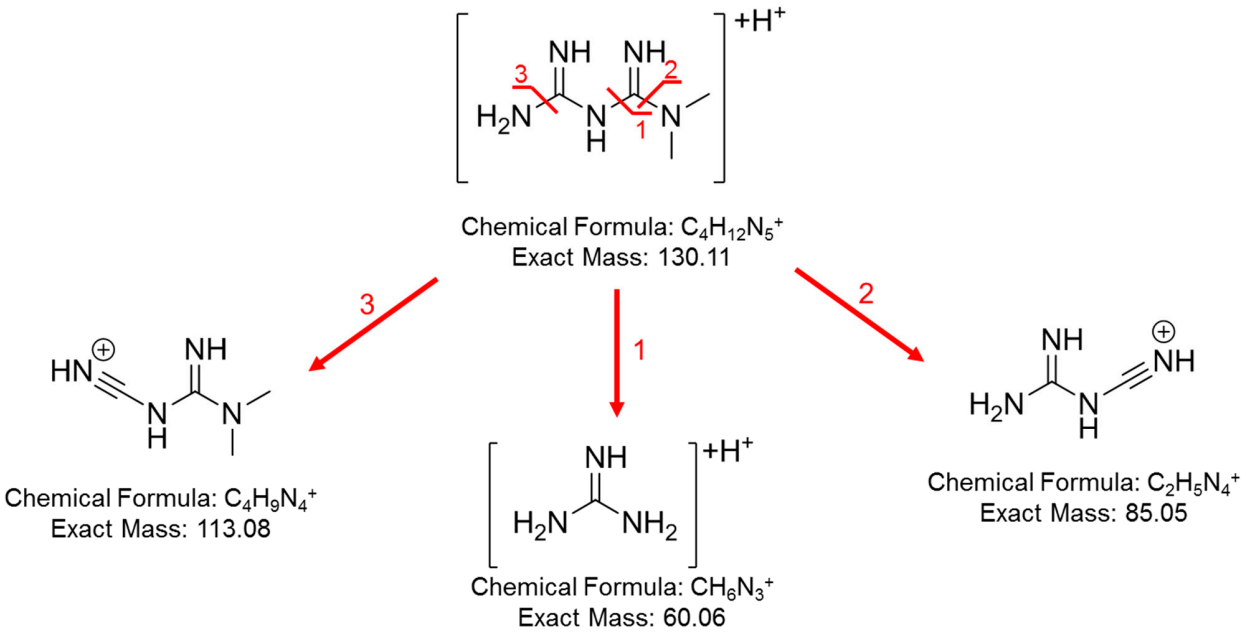


Figure S3. Proposed MS/MS fragmentation pathway for the metformin.

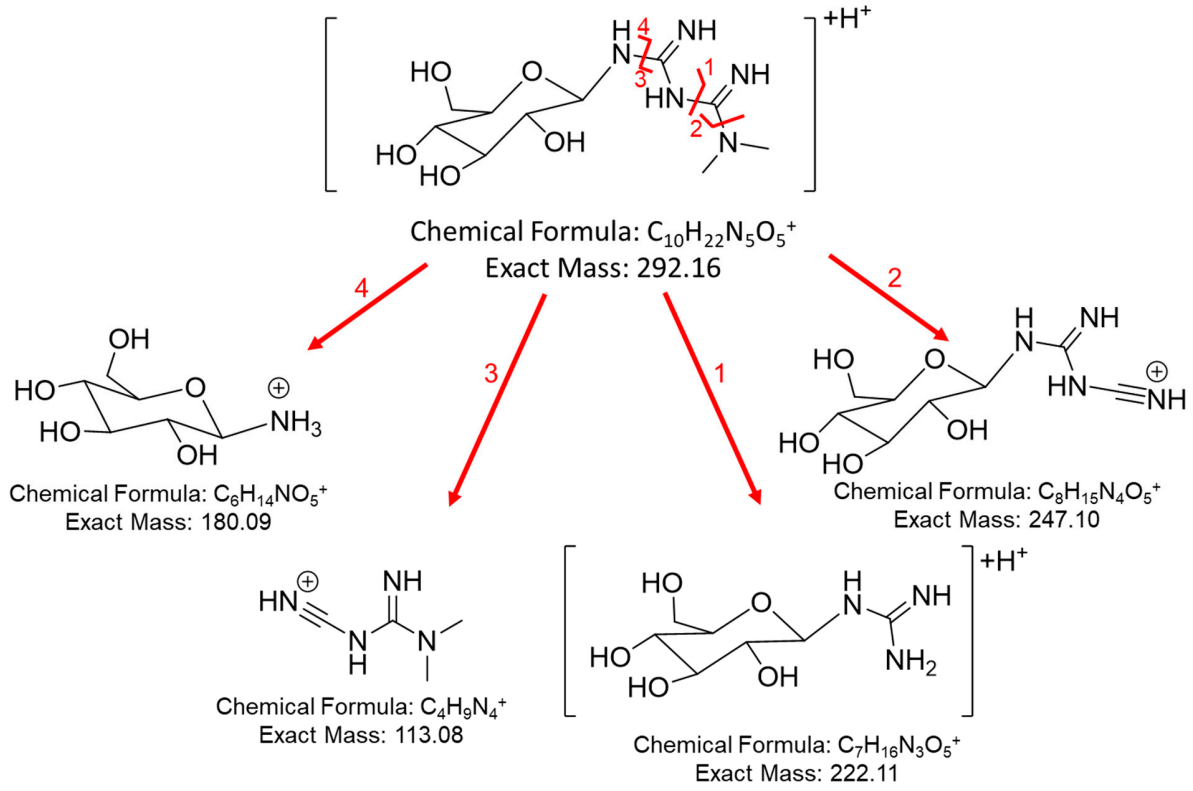


Figure S4. Proposed MS/MS fragmentation pathway for the metformose.

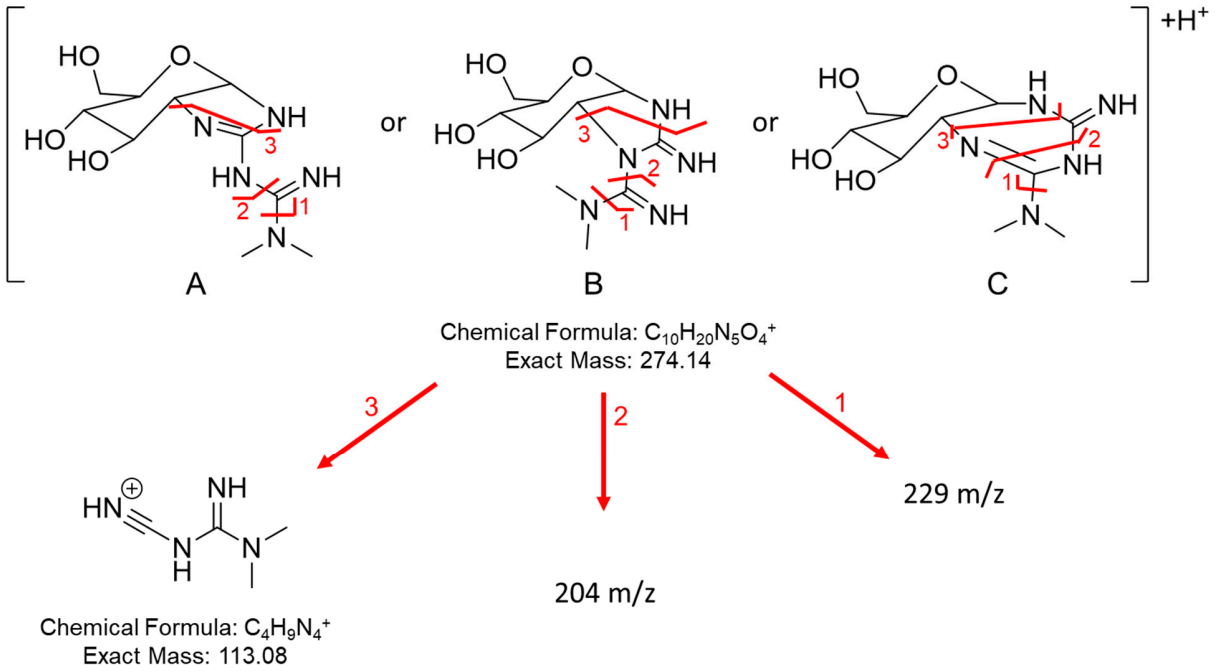


Figure S5. Proposed MS/MS fragmentation pathway for the DHmetformose.