

Supplementary Information

Chemo-Enzymatic Synthesis of Bioactive Carbazole Derivatives

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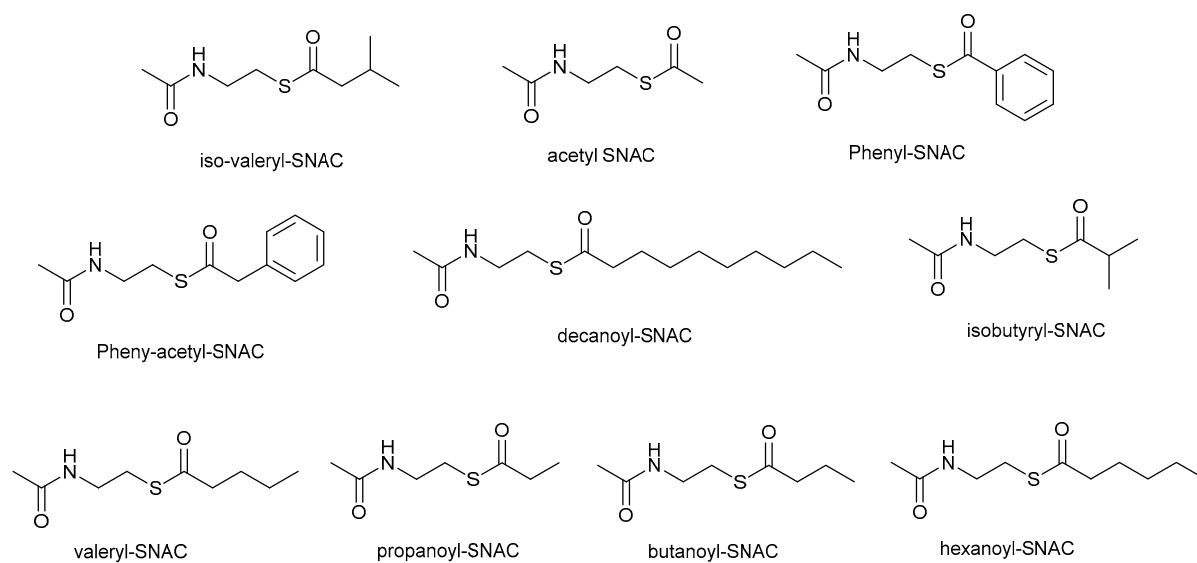


Figure S1. Acyl-SNAC species utilised in this study.

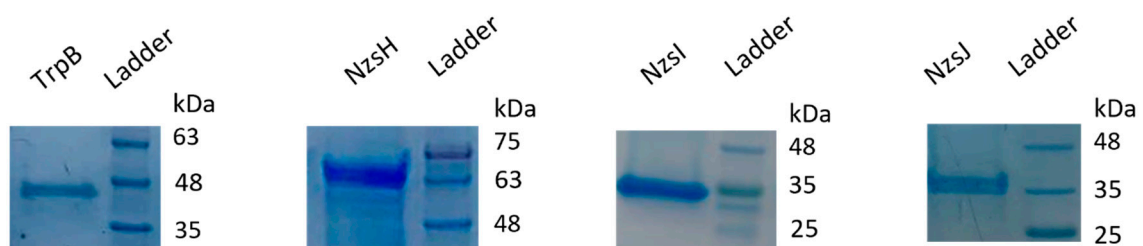


Figure S2. SDS-PAGE electrophoresis analysis confirming correct expression and purity of protein TrpB (45.0 kDa), NzsH (64.0 kDa), NzsI (28.0 kDa) and NzsJ (35.0 kDa).

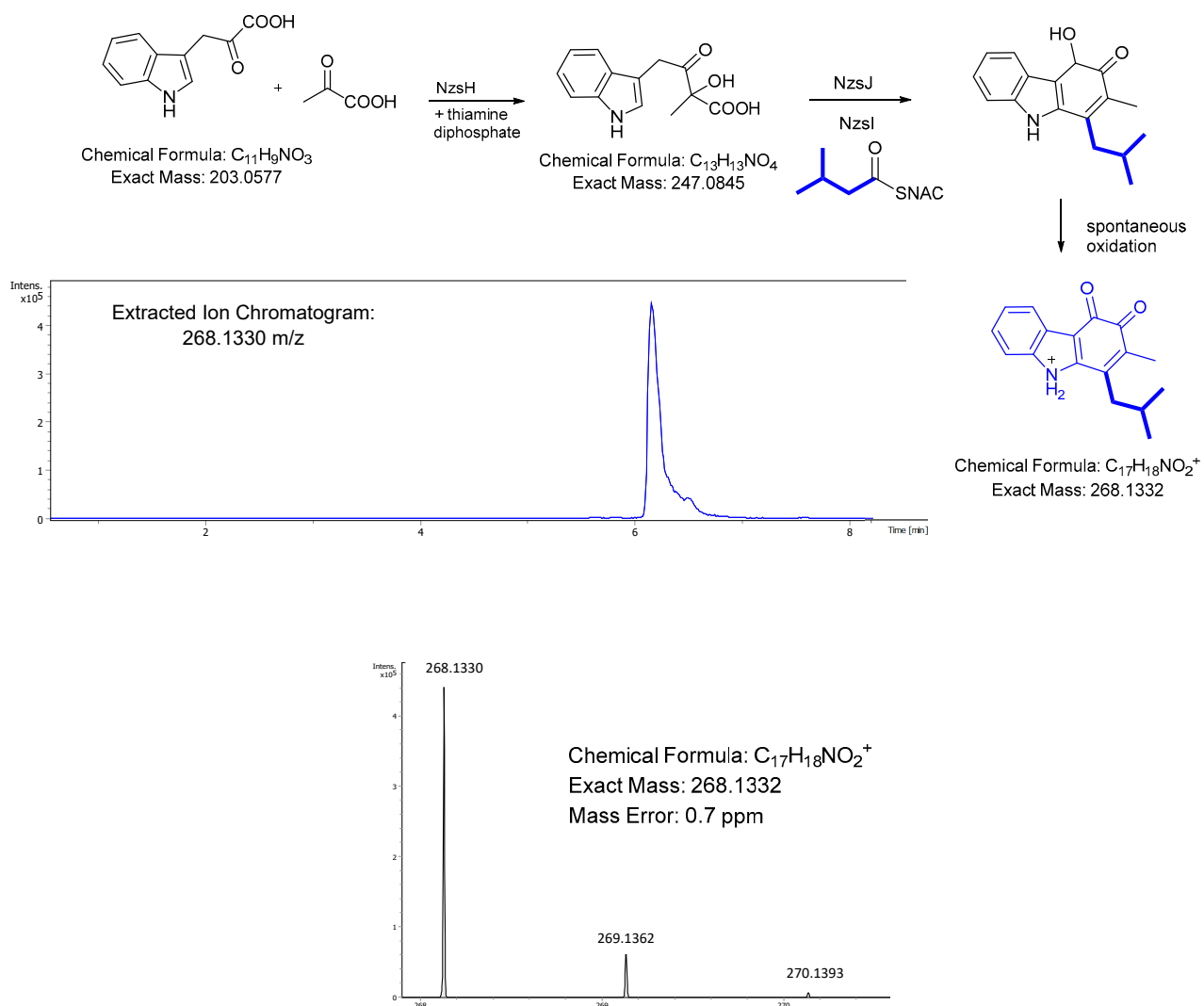


Figure S3. HR-LCMS analysis confirming production of isovaleryl-carbazole.

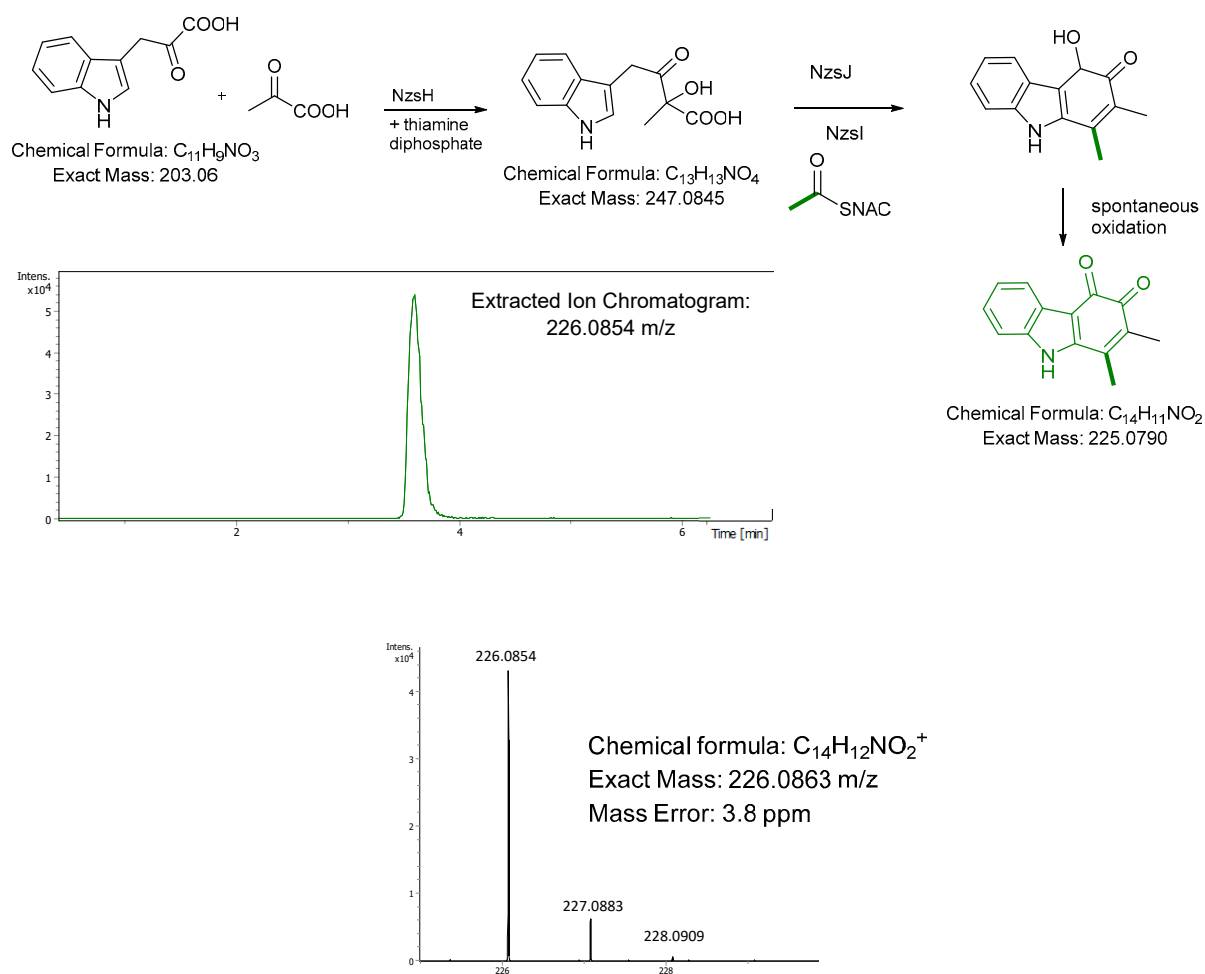


Figure S4. HR-LCMS analysis confirming production of acetyl-carbazole.

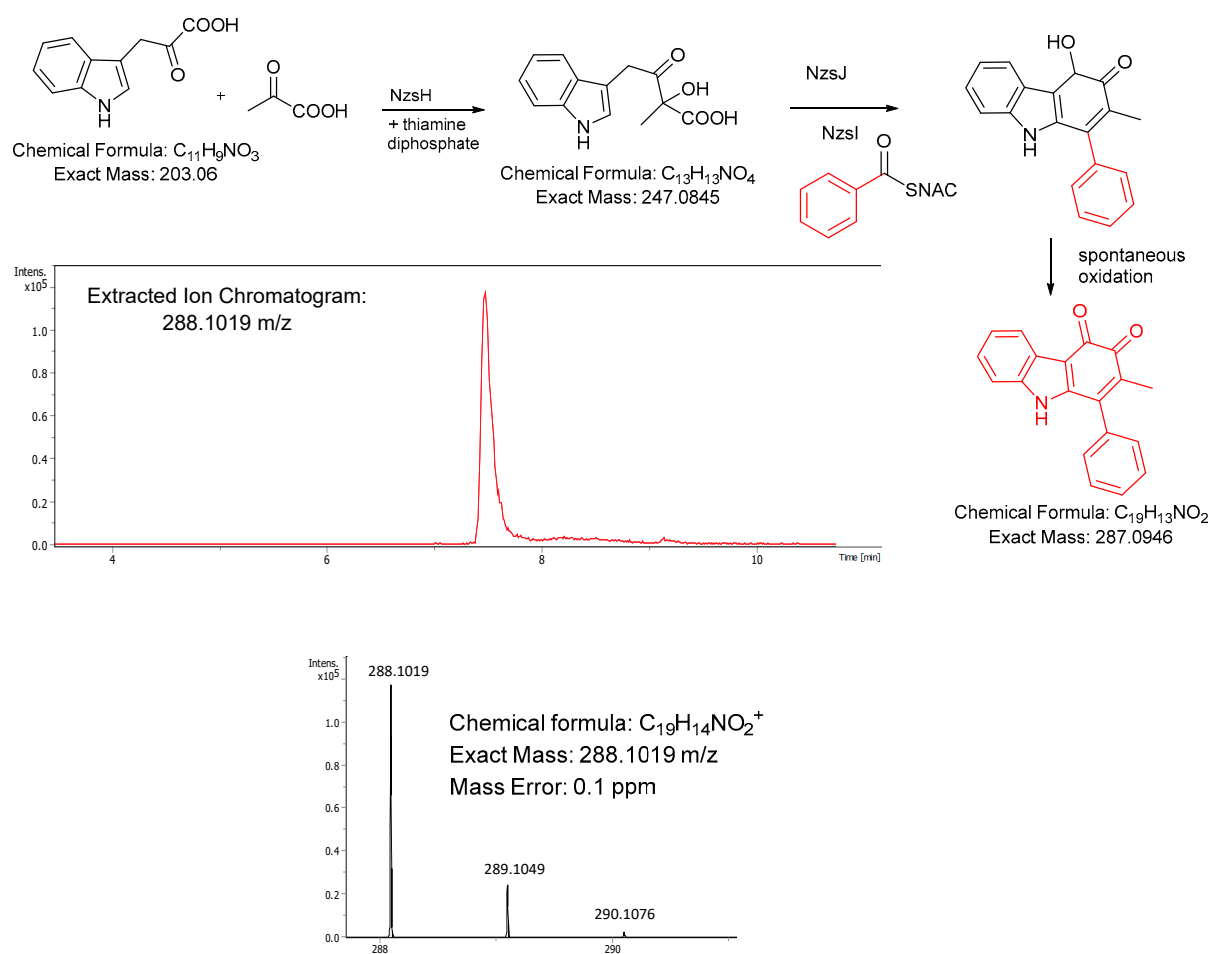


Figure S5. HR-LCMS analysis confirming production of phenyl-carbazole.

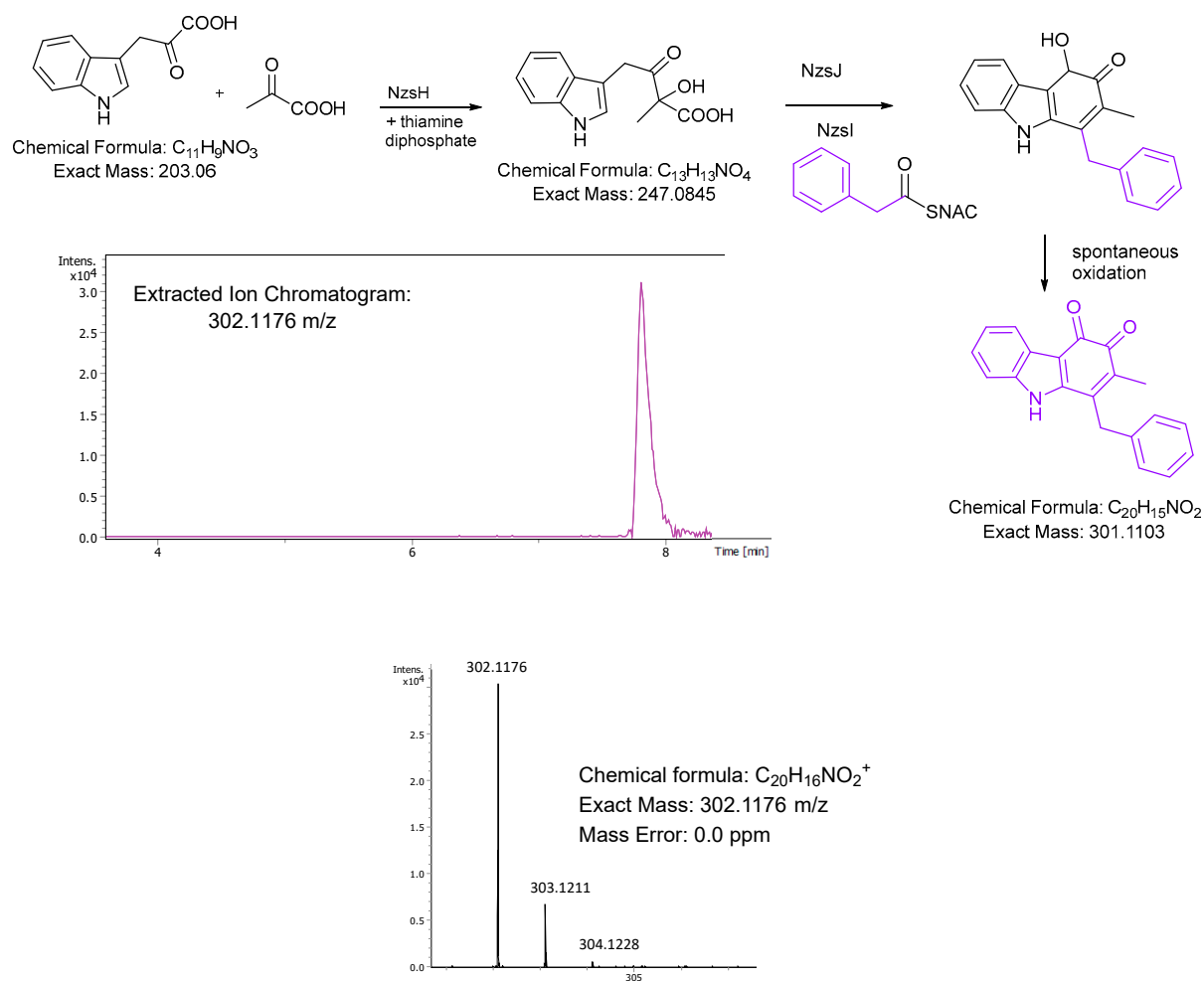


Figure S6. HR-LCMS analysis confirming production of phenyl-acetyl-carbazole.

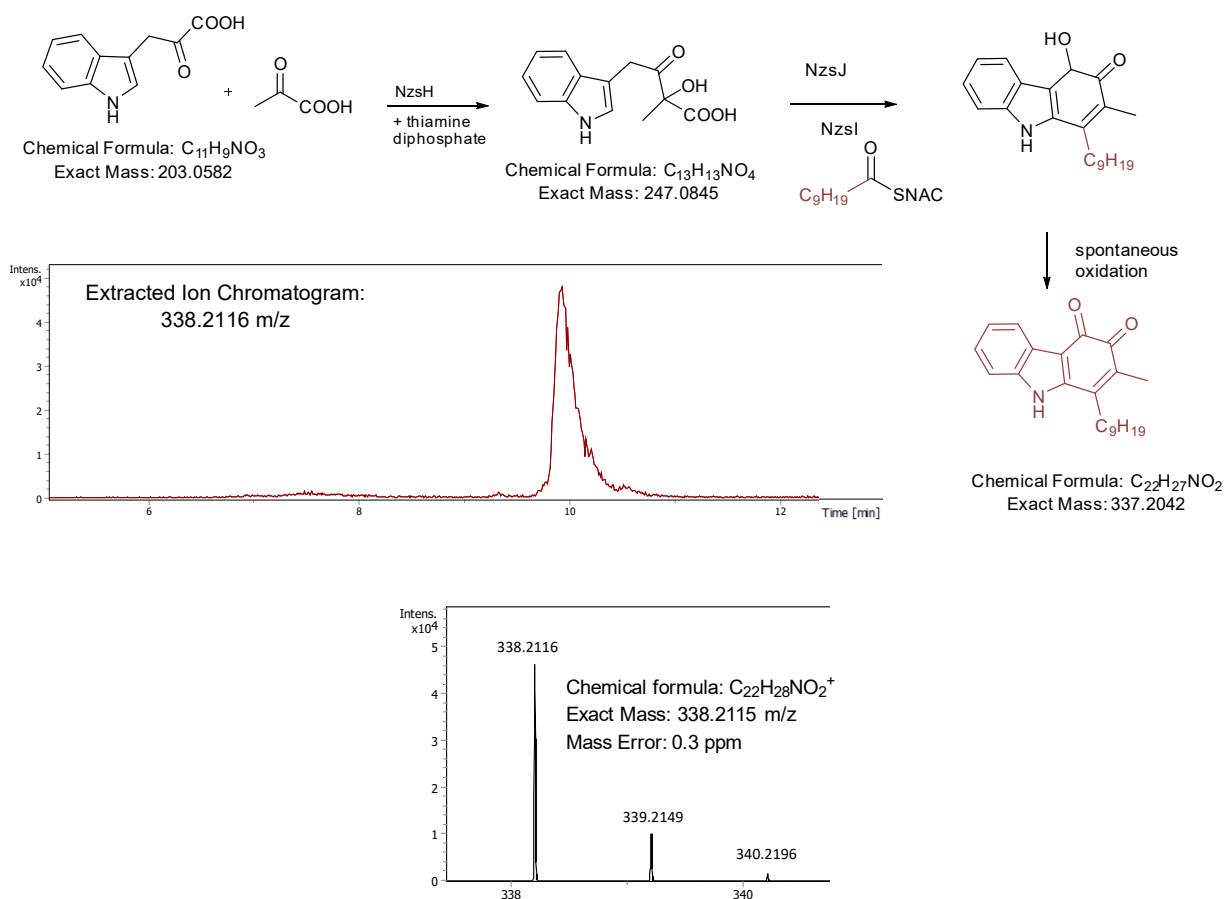


Figure S7. HR-LCMS analysis confirming production of decanoyl-carbazole.

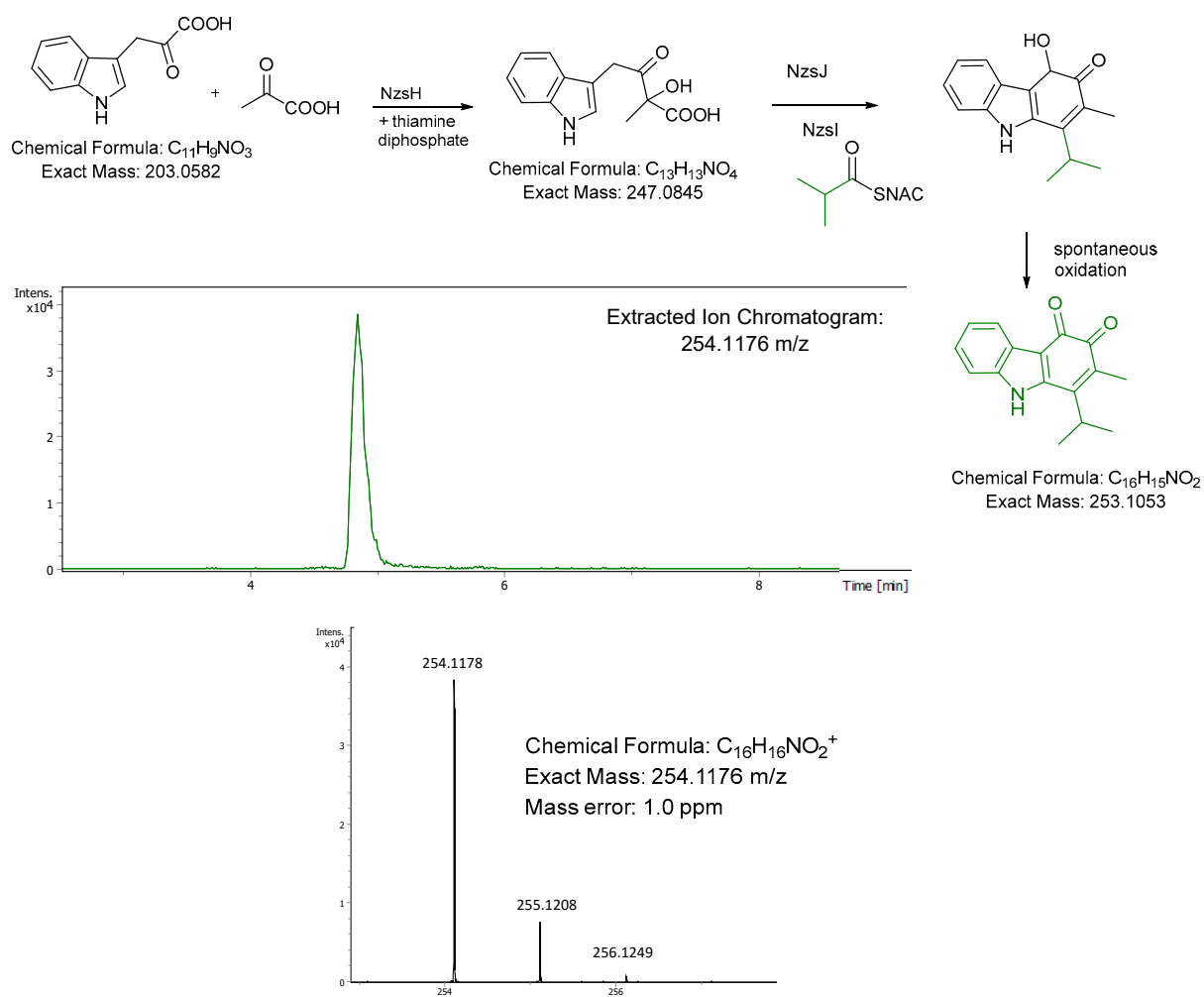


Figure S8. HR-LCMS analysis confirming production of isobutyryl-carbazole.

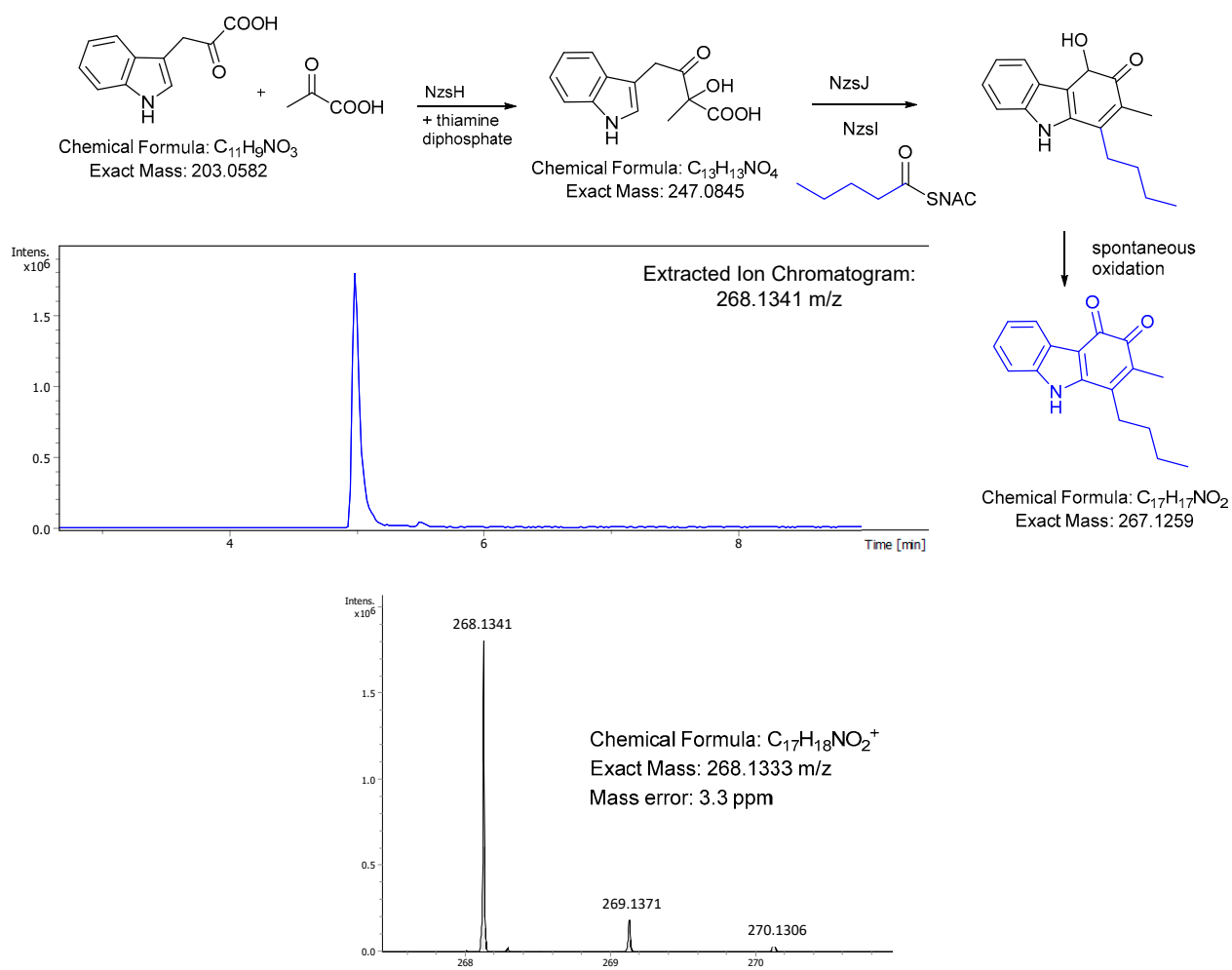


Figure S9. HR-LCMS analysis confirming production of valeryl-carbazole.

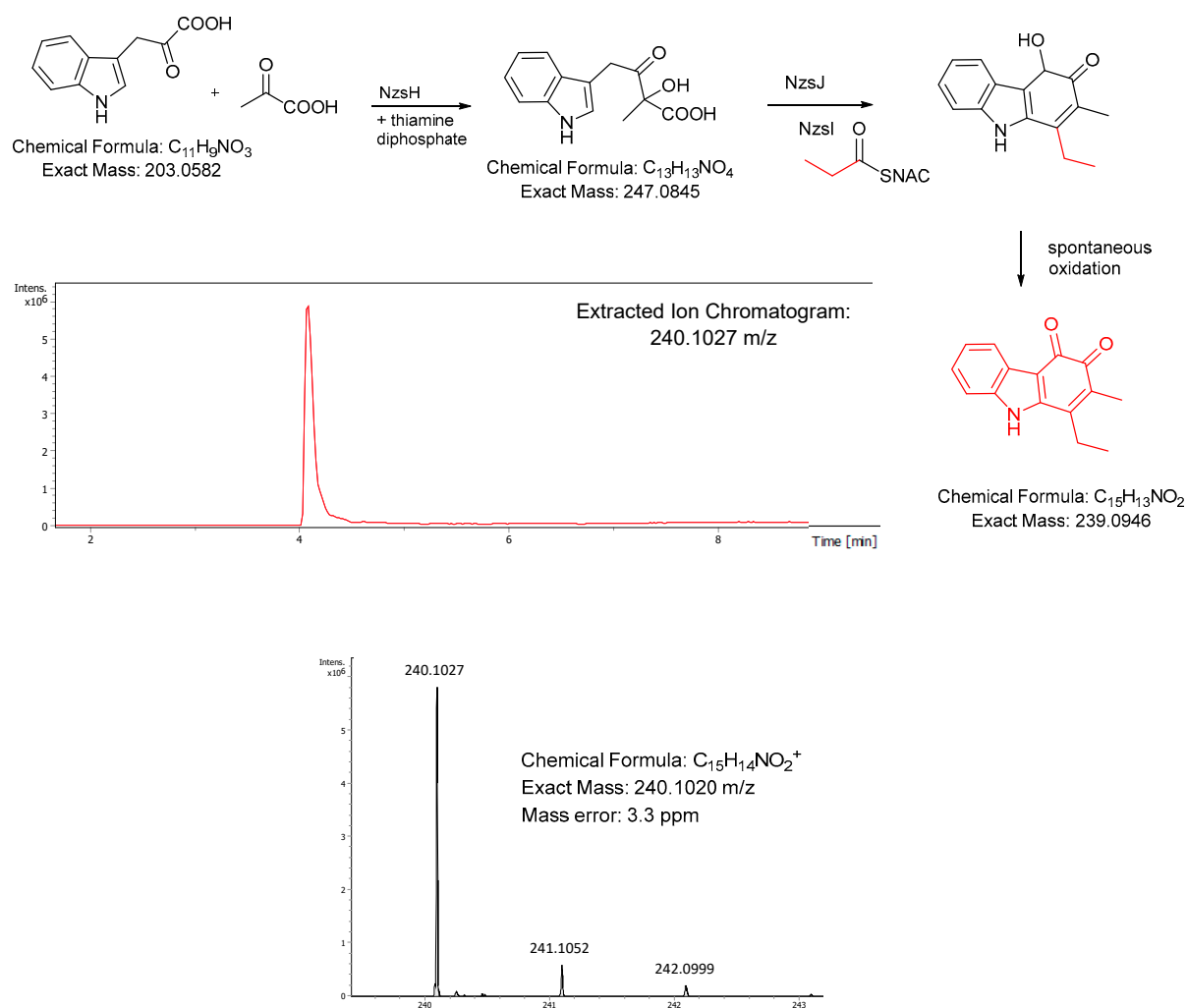


Figure S10. HR-LCMS analysis confirming production of propanoyl-carbazole.

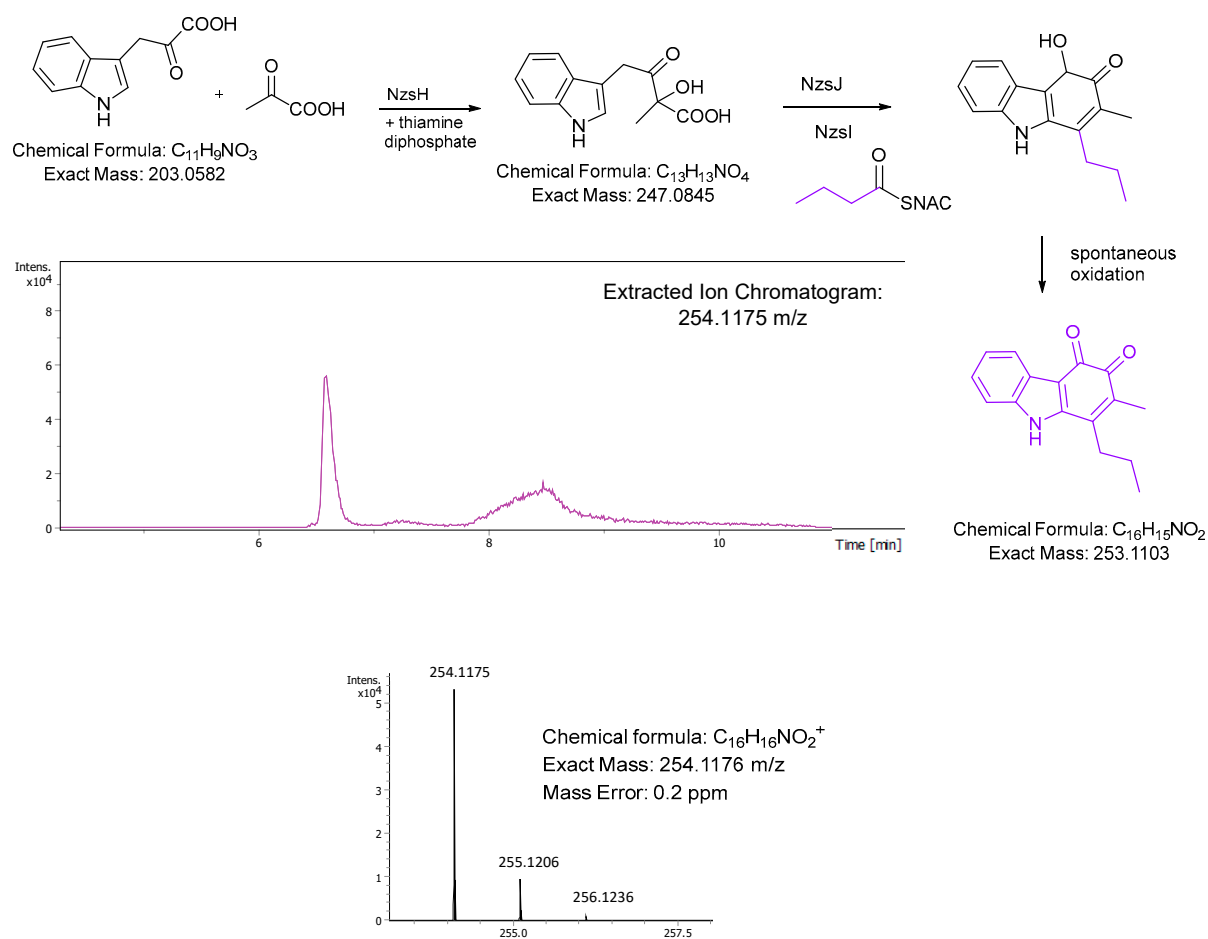


Figure S11. HR-LCMS analysis confirming production of butyl-carbazole.

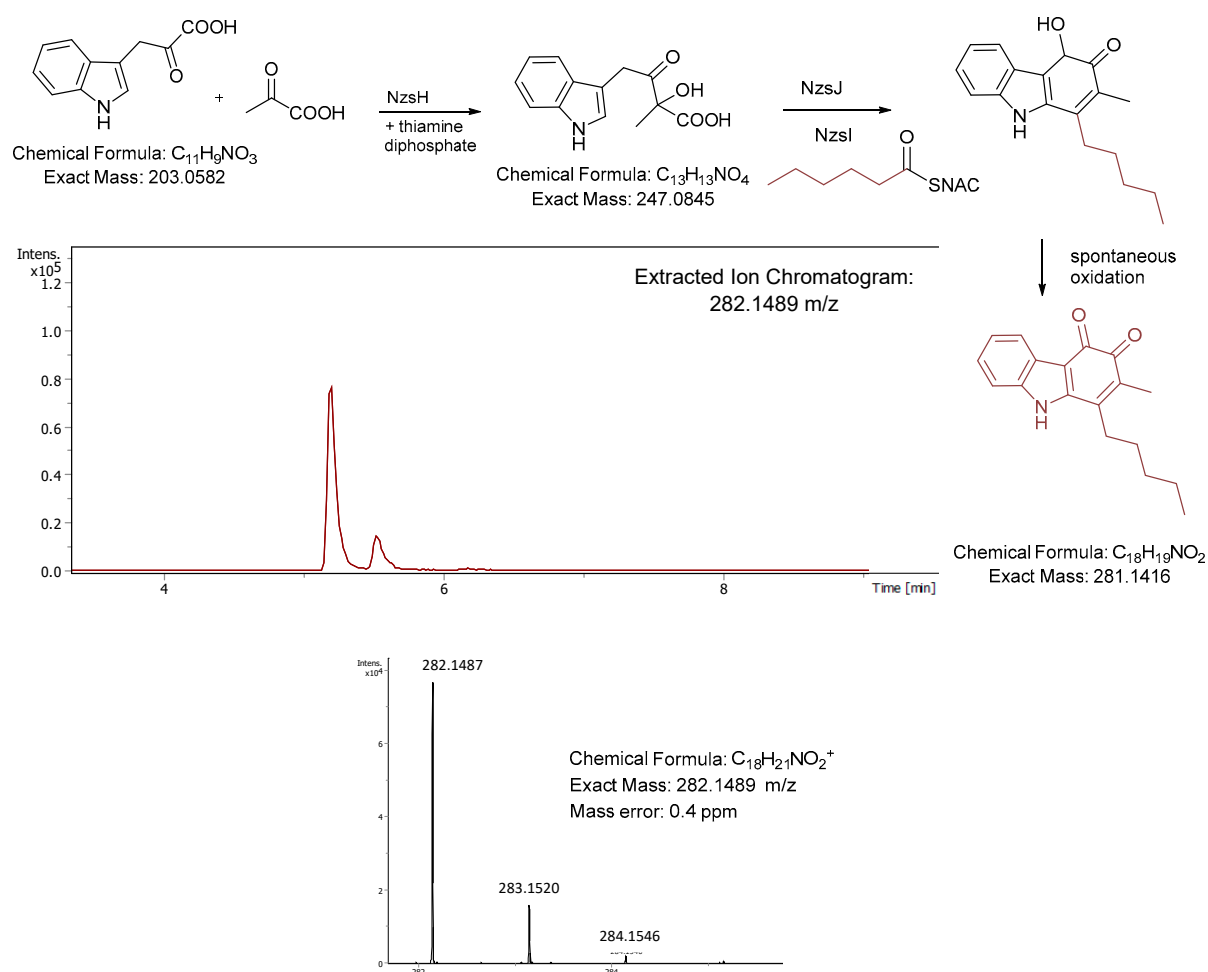


Figure S12. HR-LCMS analysis confirming production of hexyl-carbazole.

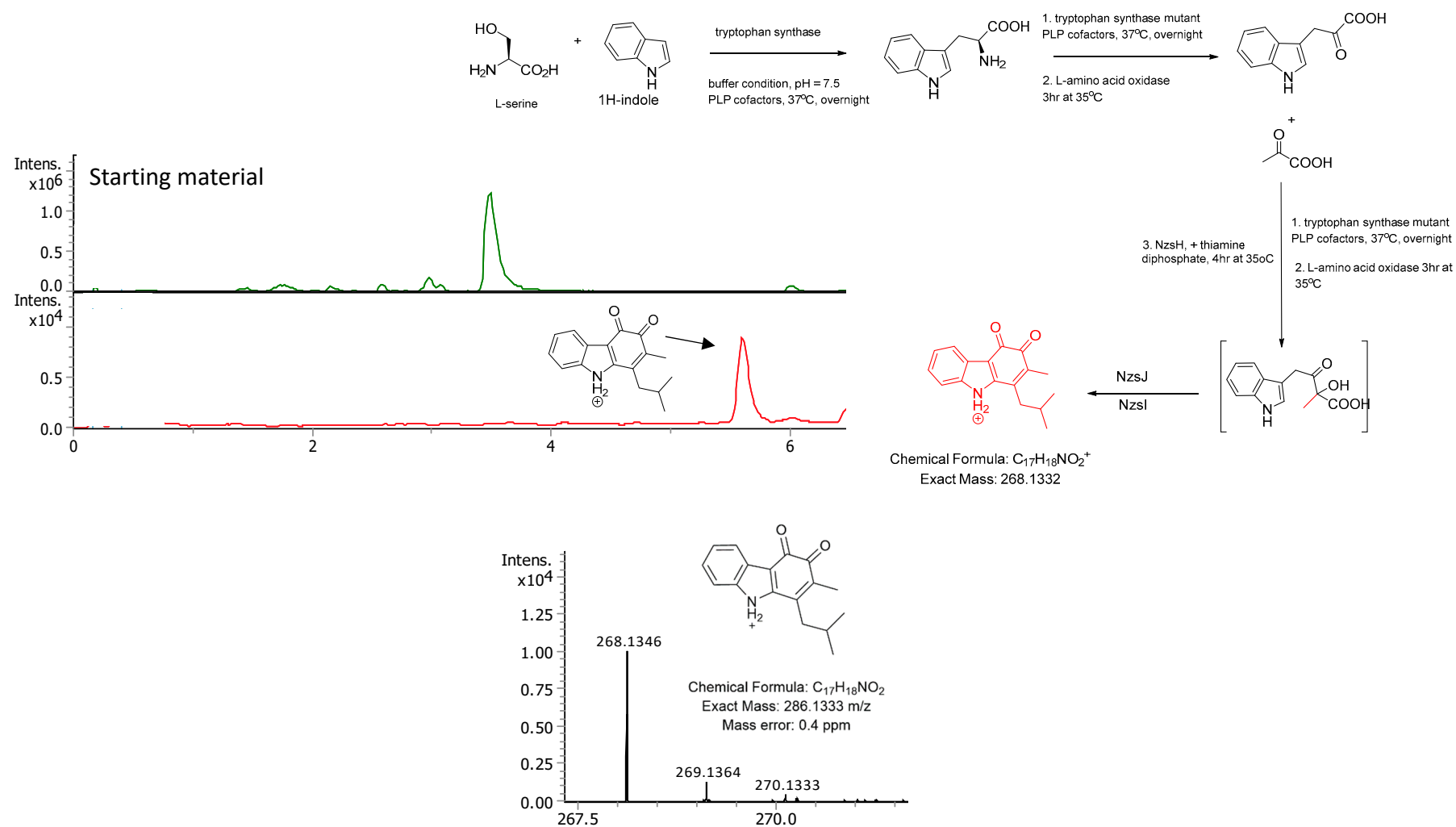


Figure S14. 5-step one-pot enzymatic reaction and HR-LCMS analysis confirming production of isovaleryl-carbazole.