



Supplementary Materials: Organic Salts Based on Isoniazid Drug: Synthesis, Bioavailability and Cytotoxicity Studies

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Appendix A@NMR Spectra

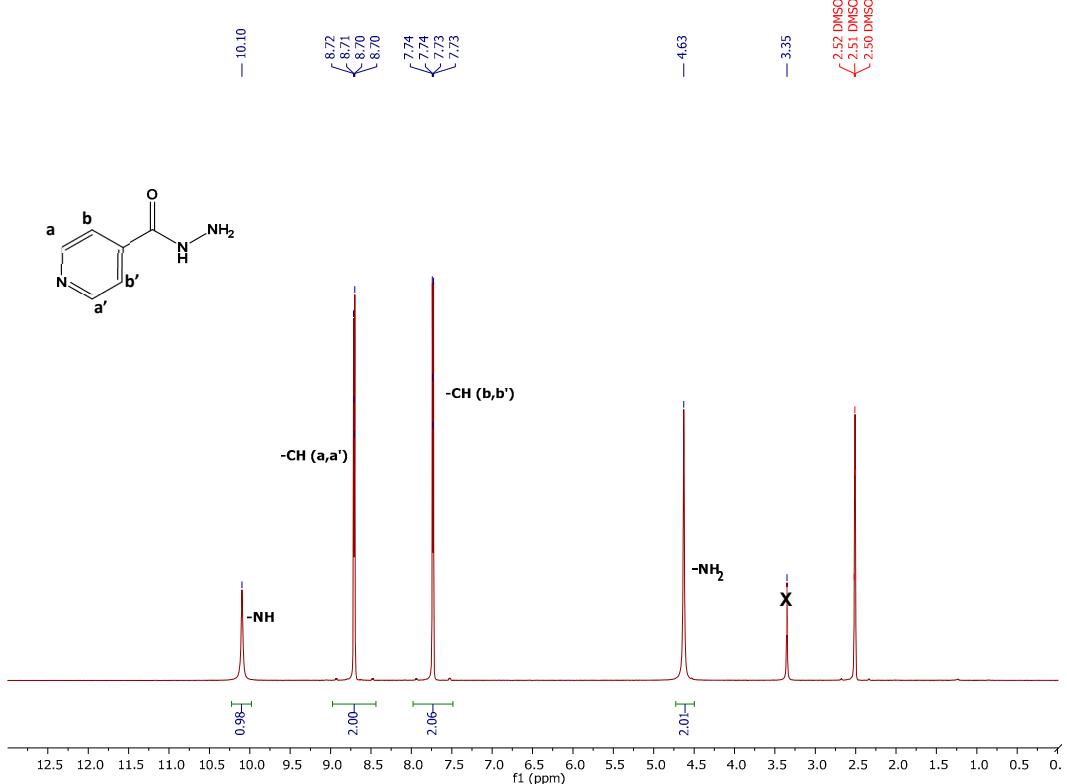


Figure S1. ^1H NMR spectra of INH.

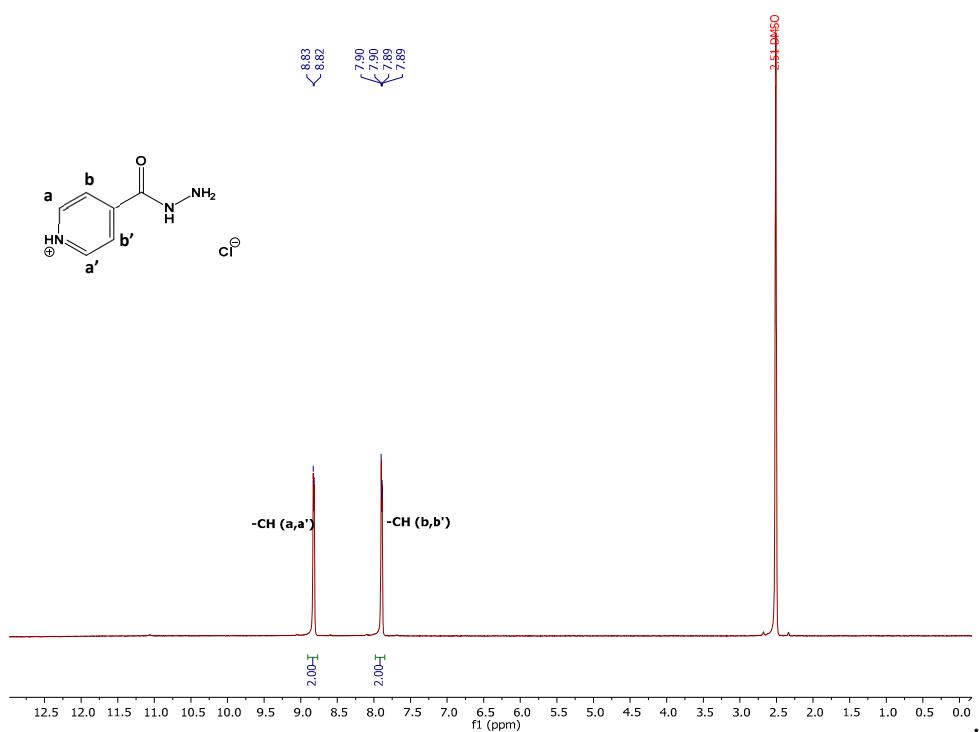


Figure S2. ¹H NMR spectra of [INH][Cl].

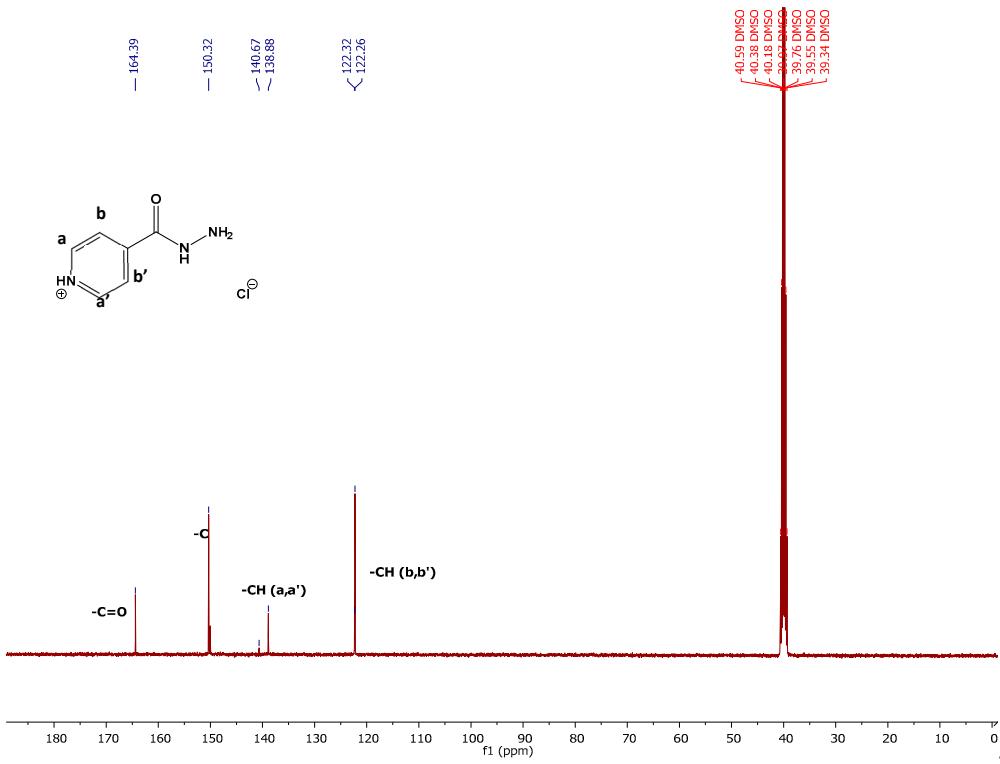


Figure S3. ¹³C NMR spectra of [INH][Cl].

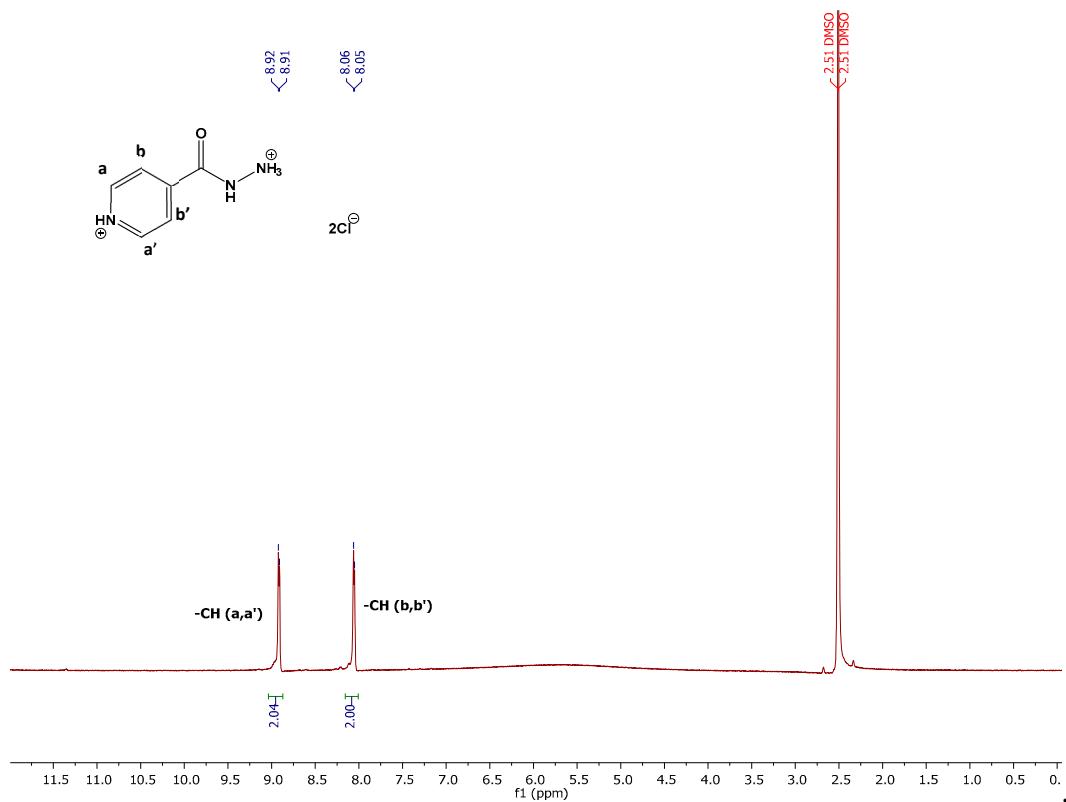


Figure S4. ^1H NMR spectra of $[\text{INH}][\text{Cl}]_2$.

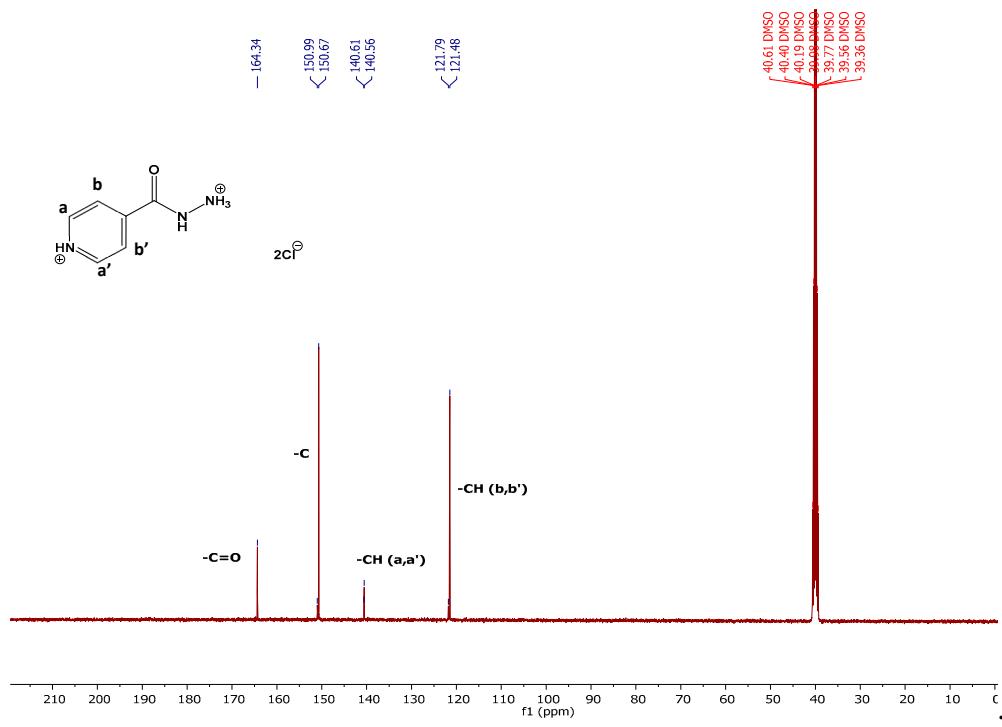


Figure S5. ^{13}C NMR spectra of $[\text{INH}][\text{Cl}]_2$.

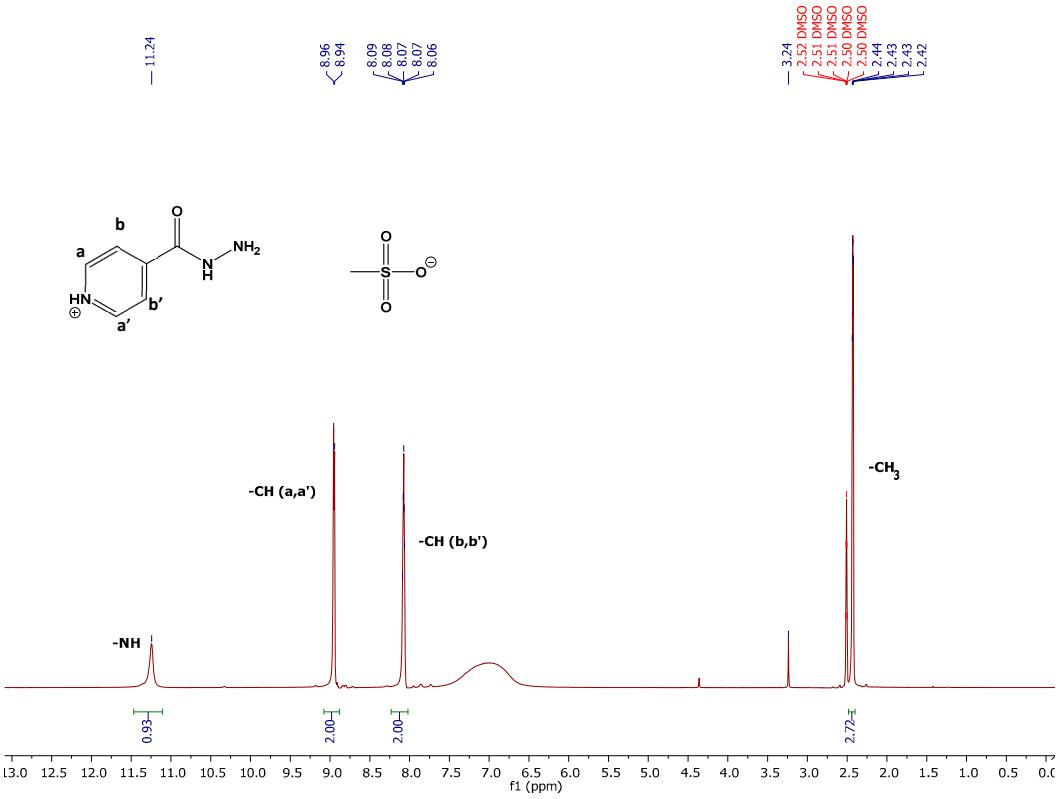


Figure S6. ¹H NMR spectra of [INH][MsO].

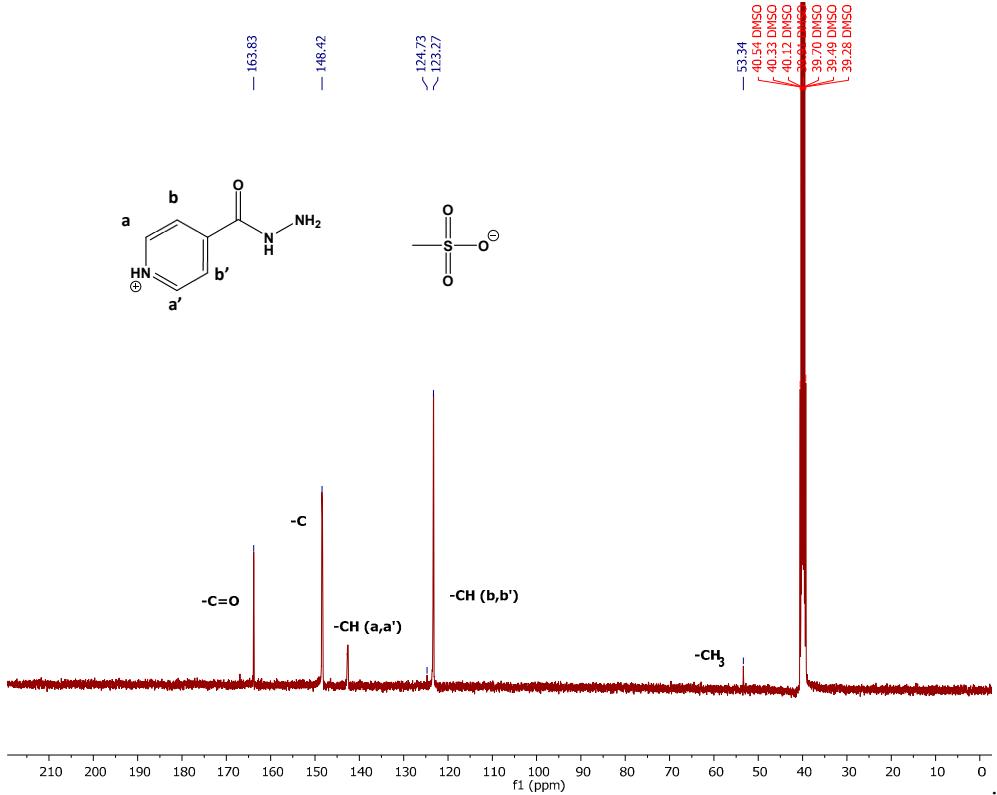


Figure S7. ¹³C NMR spectra of [INH][MsO].

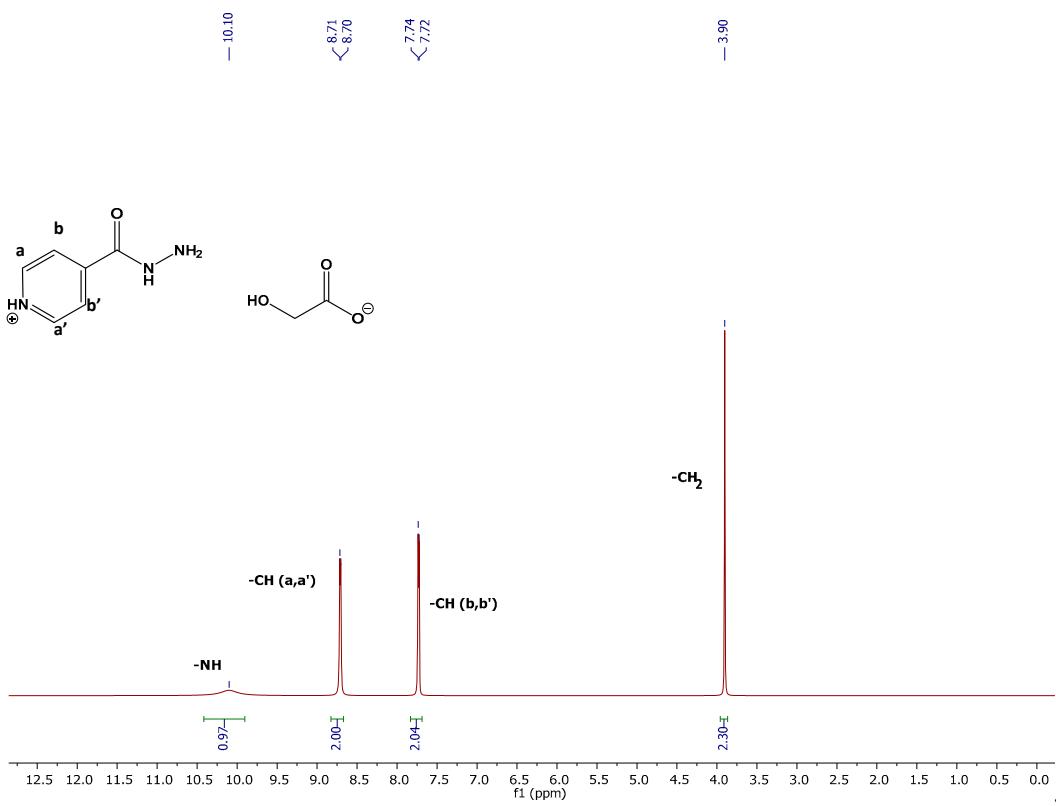


Figure S8. ¹H NMR spectra of [INH][GcO].

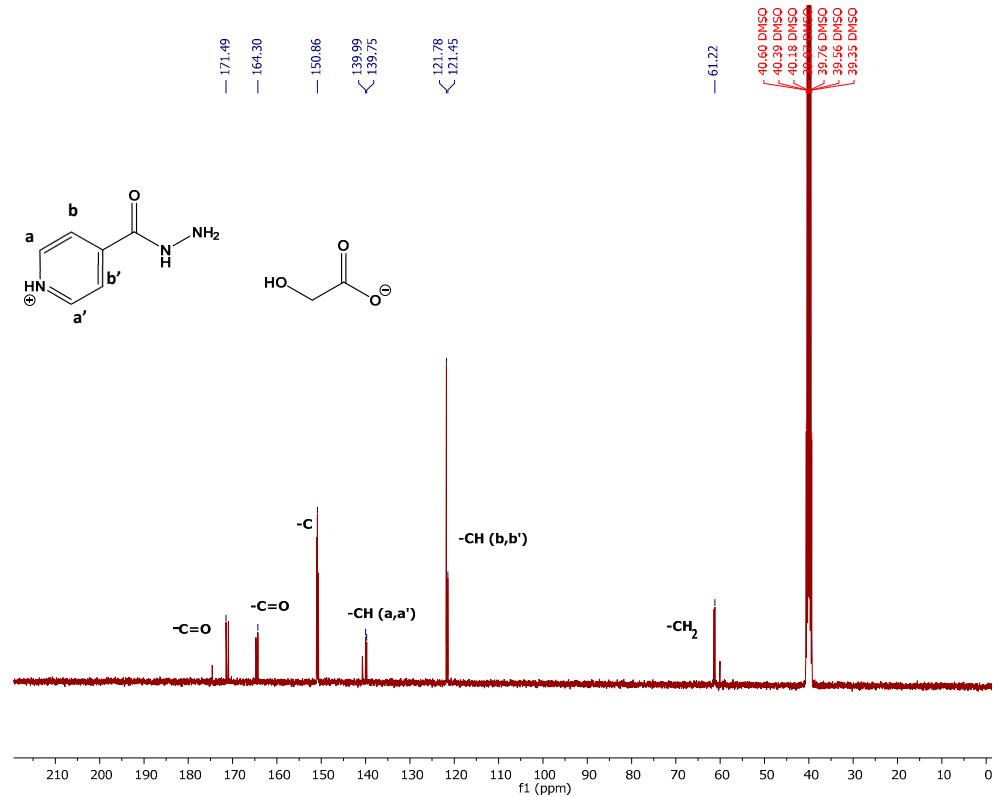


Figure S9. ¹³C NMR spectra of [INH][GcO].

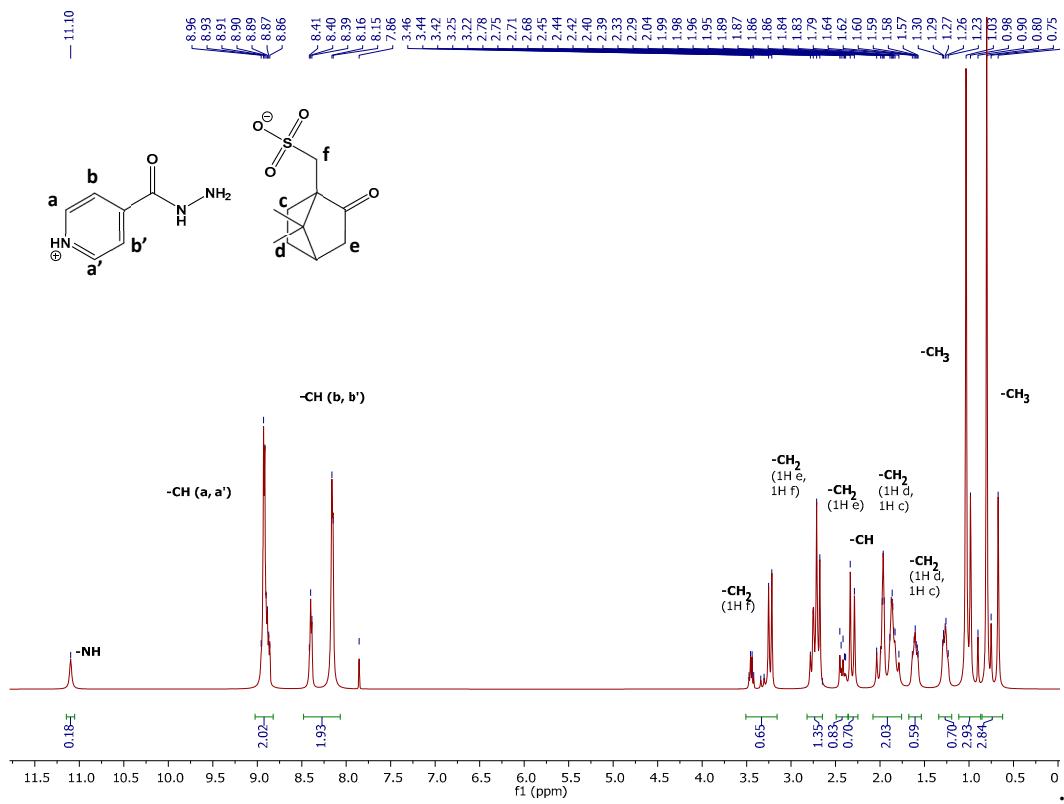


Figure S10. ¹H NMR spectra of [INH][S-CsO].

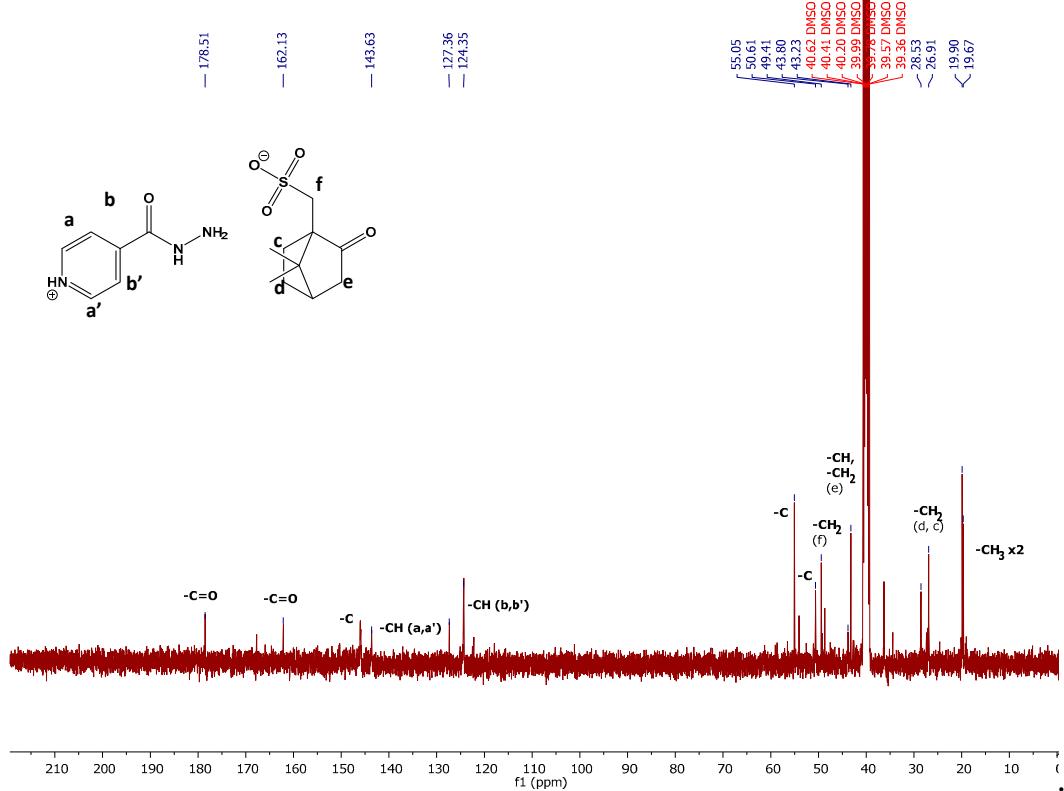


Figure S11. ¹³C NMR spectra of [INH][S-CsO].

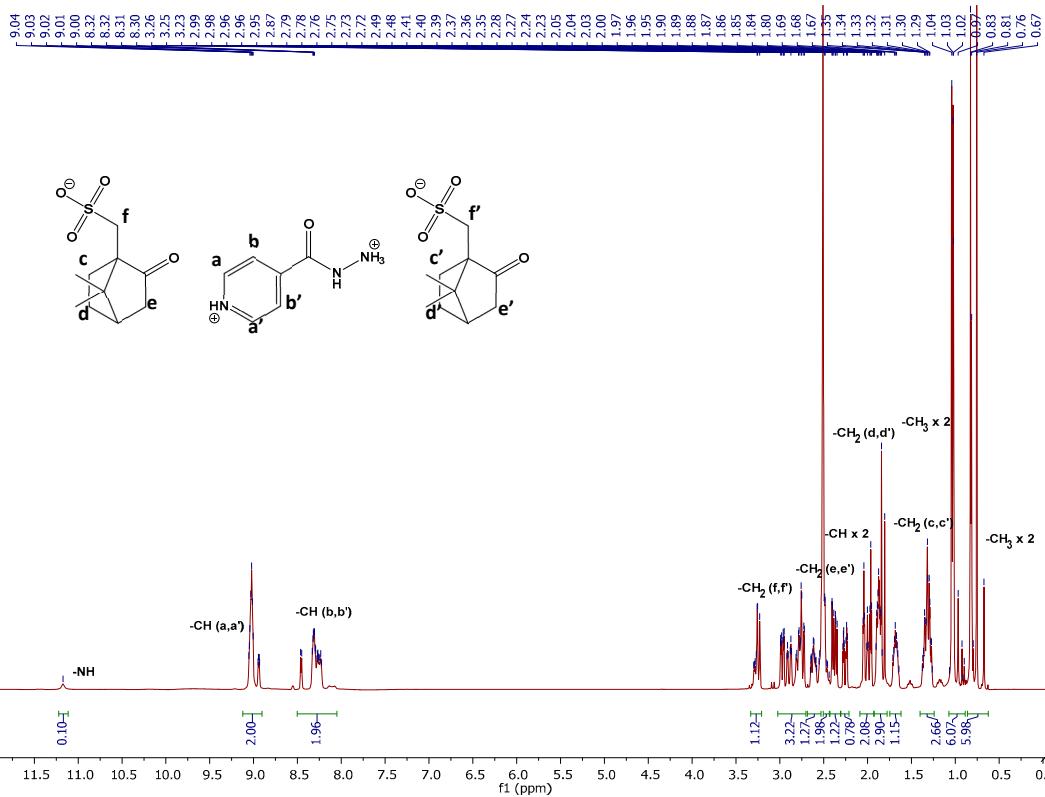


Figure S12. ^1H NMR spectra of $[\text{INH}][\text{S}-\text{CsO}]_2$.

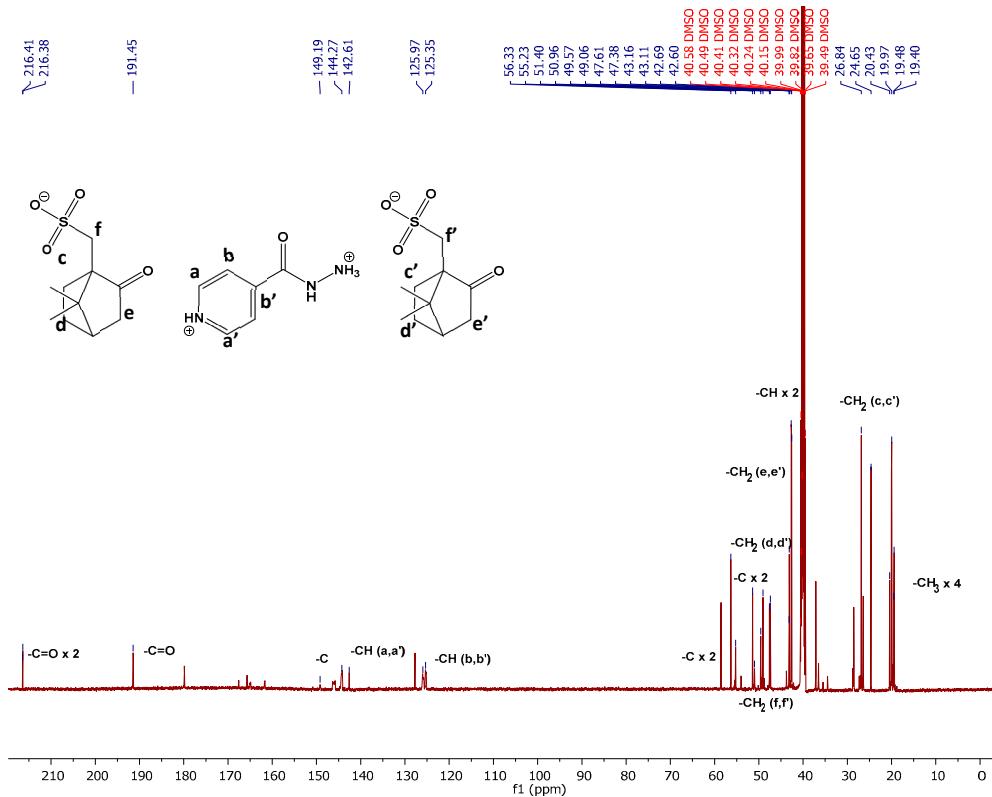
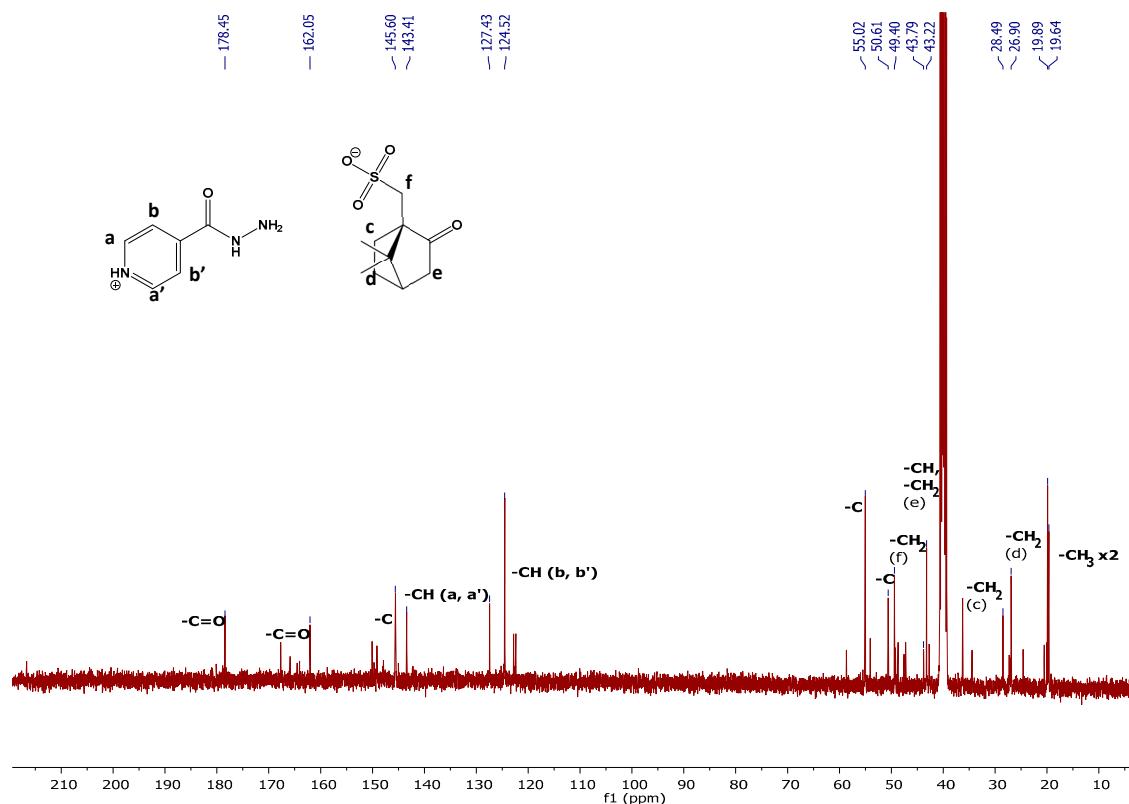
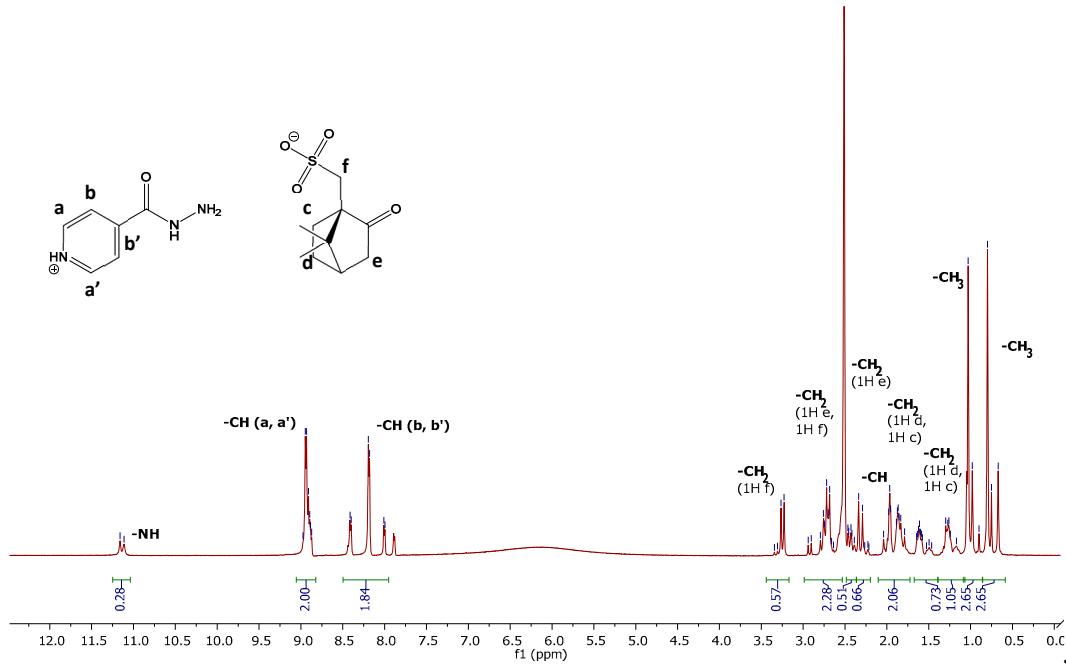


Figure S13. ^{13}C NMR spectra of $[\text{INH}][\text{S}-\text{CsO}]_2$.



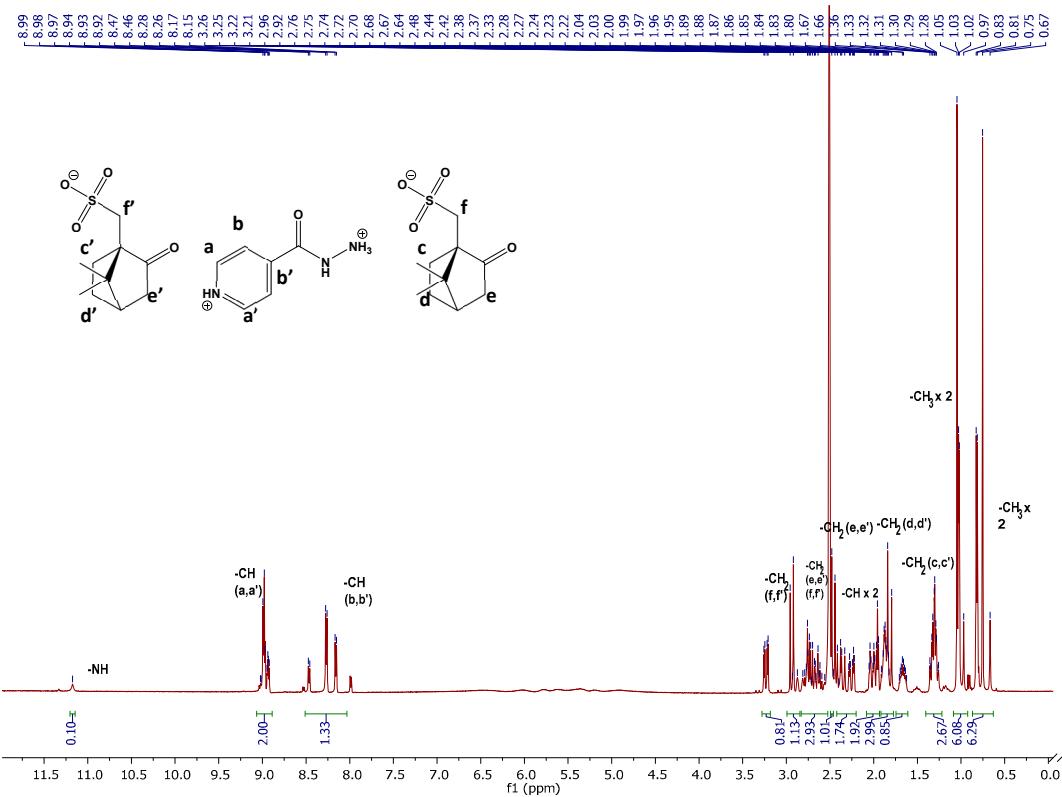


Figure S16. ^1H NMR spectra of [INH][R-CsO]₂.

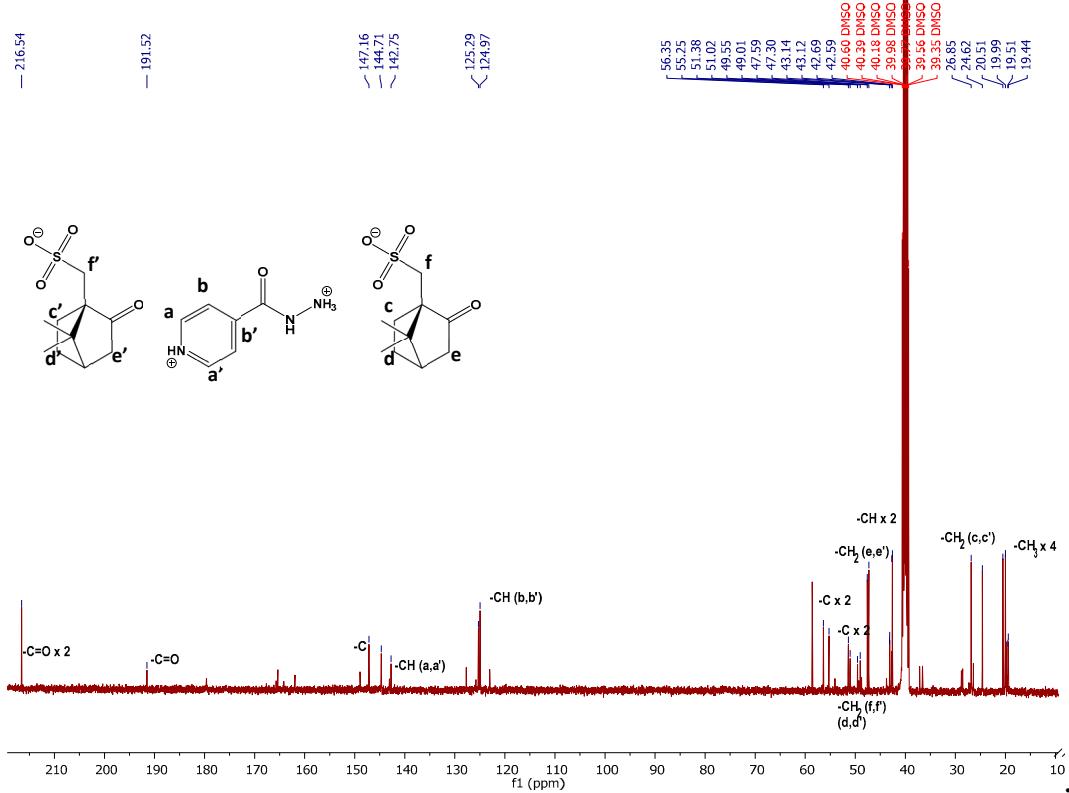


Figure S17. ^{13}C NMR spectra of [INH][R-CsO]₂.

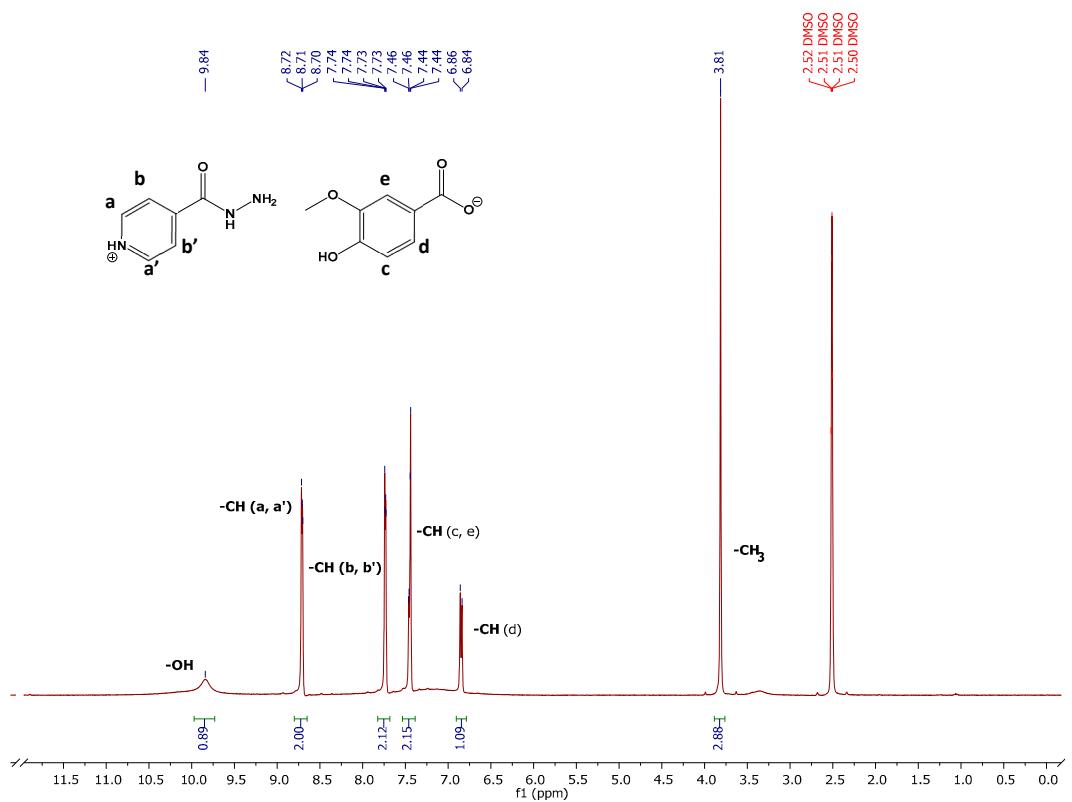


Figure S18. ¹H NMR spectra of [INH][VanO].

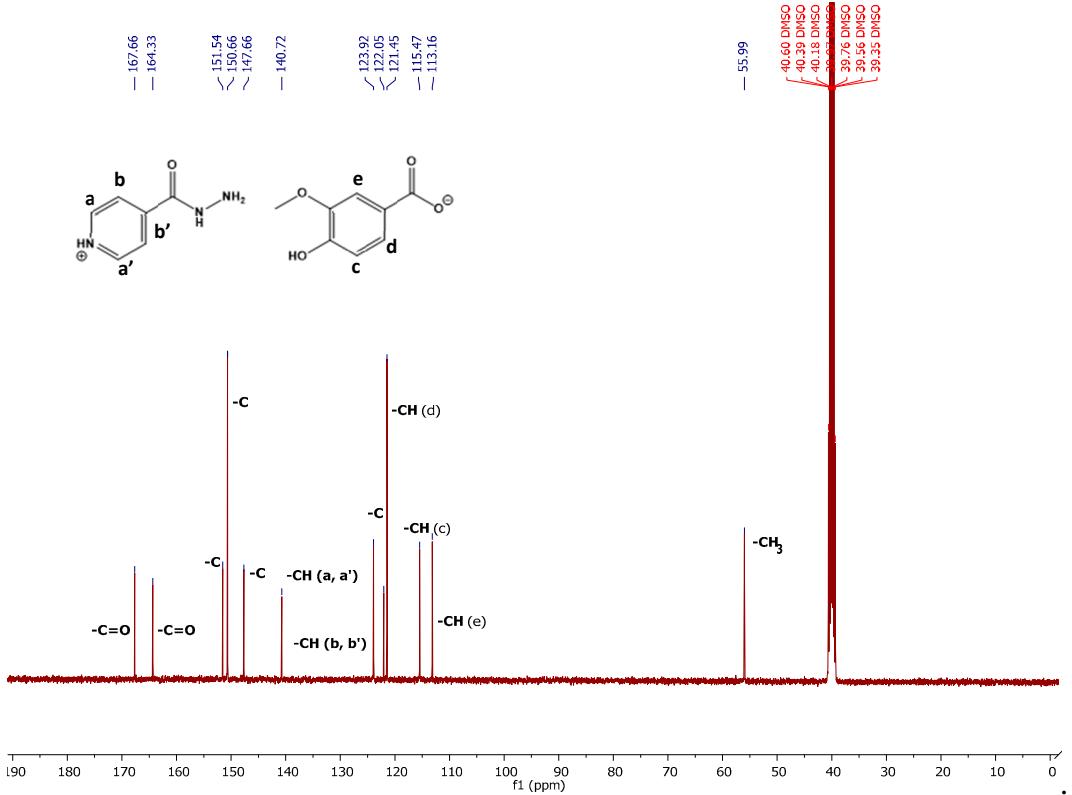


Figure s19. ¹³C NMR spectra of [INH][VanO].

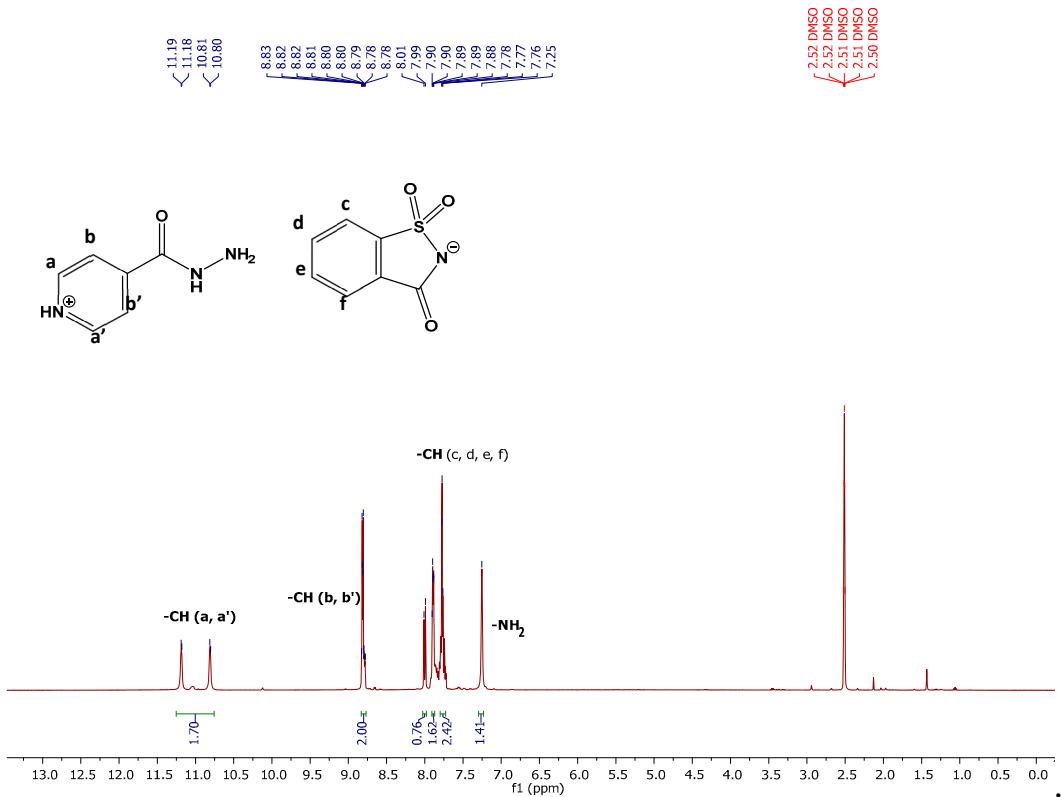


Figure S20. ¹H NMR spectra of [INH][Sac].

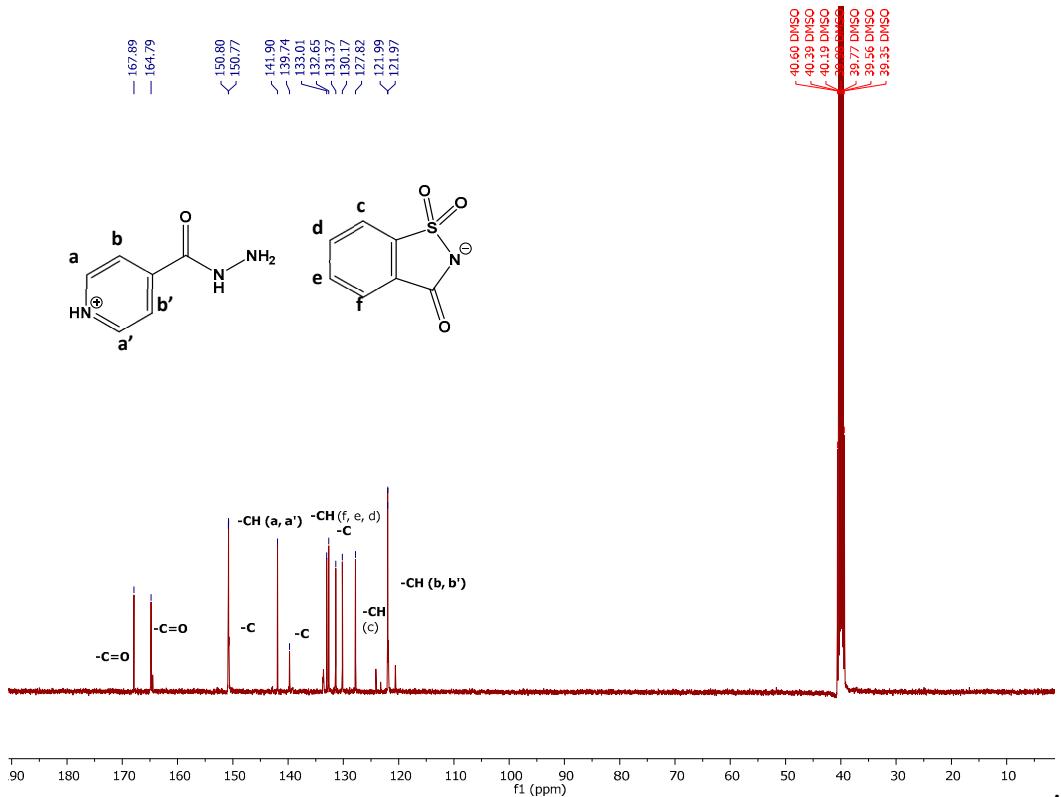


Figure S21. ¹³C NMR spectra of [INH][Sac].

Appendix B@FTIR Spectra

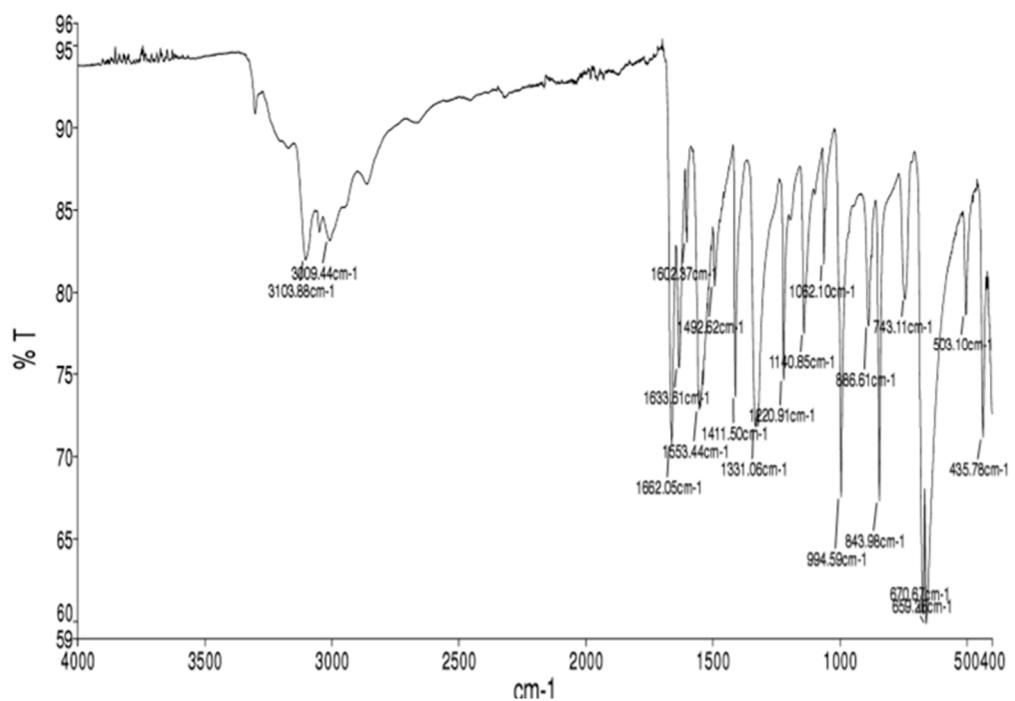


Figure S22. FTIR-ATR spectra of [INH].

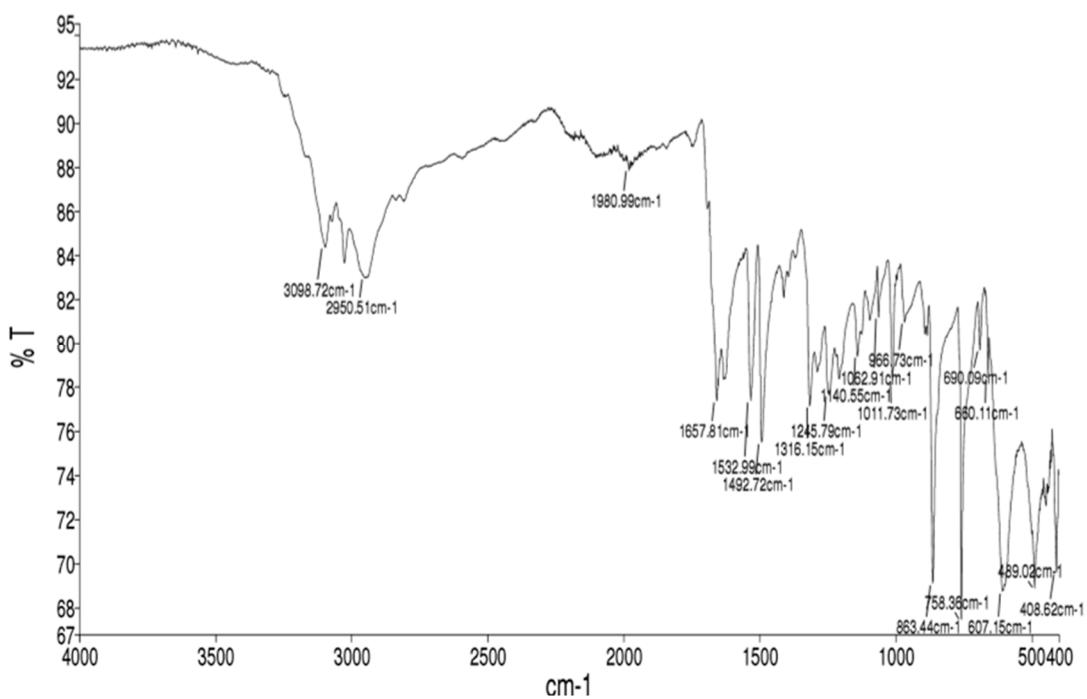


Figure S23. FTIR-ATR spectra of [INH][Cl].

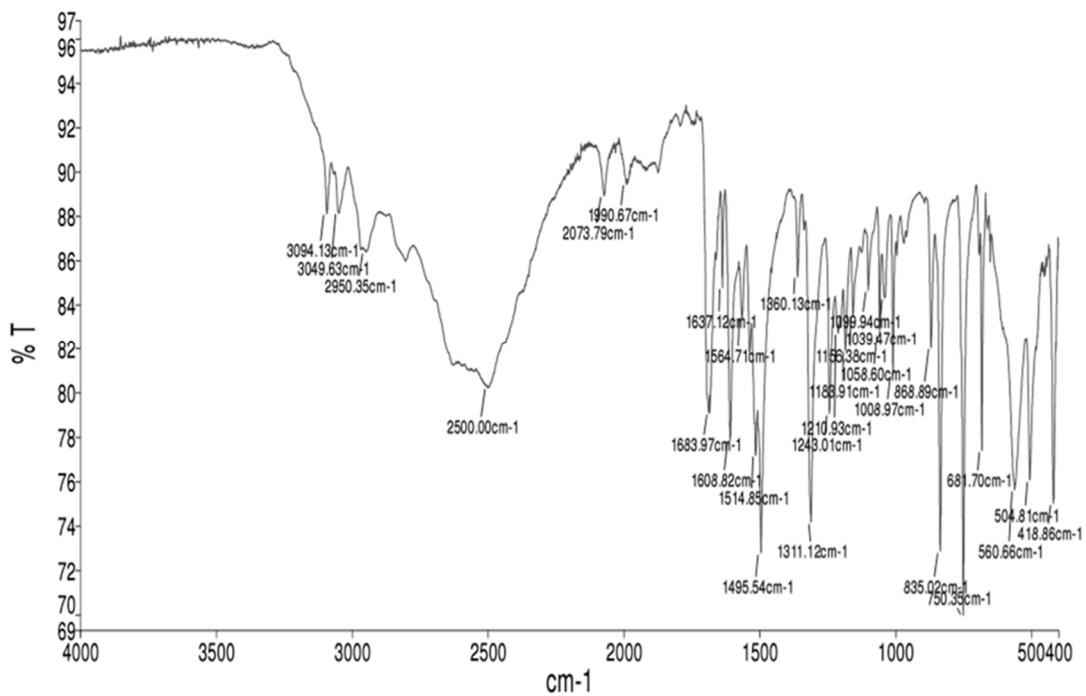


Figure S24. FTIR-ATR spectra of $[INH][Cl]_2$.

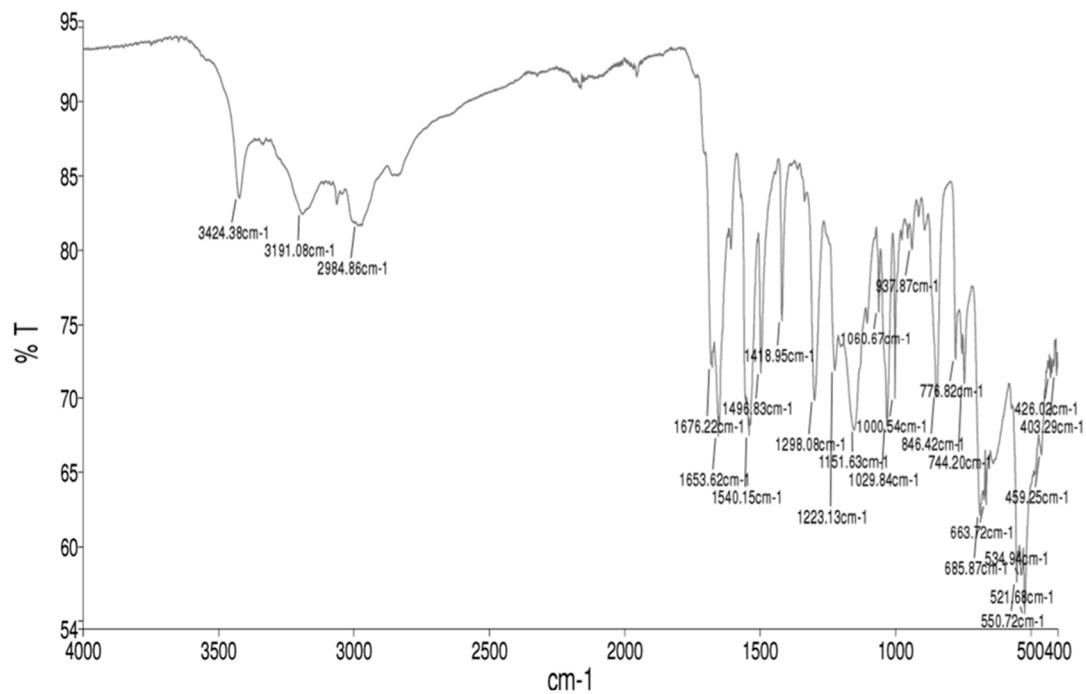


Figure S25. FTIR-ATR spectra of $[INH][MsO]$.

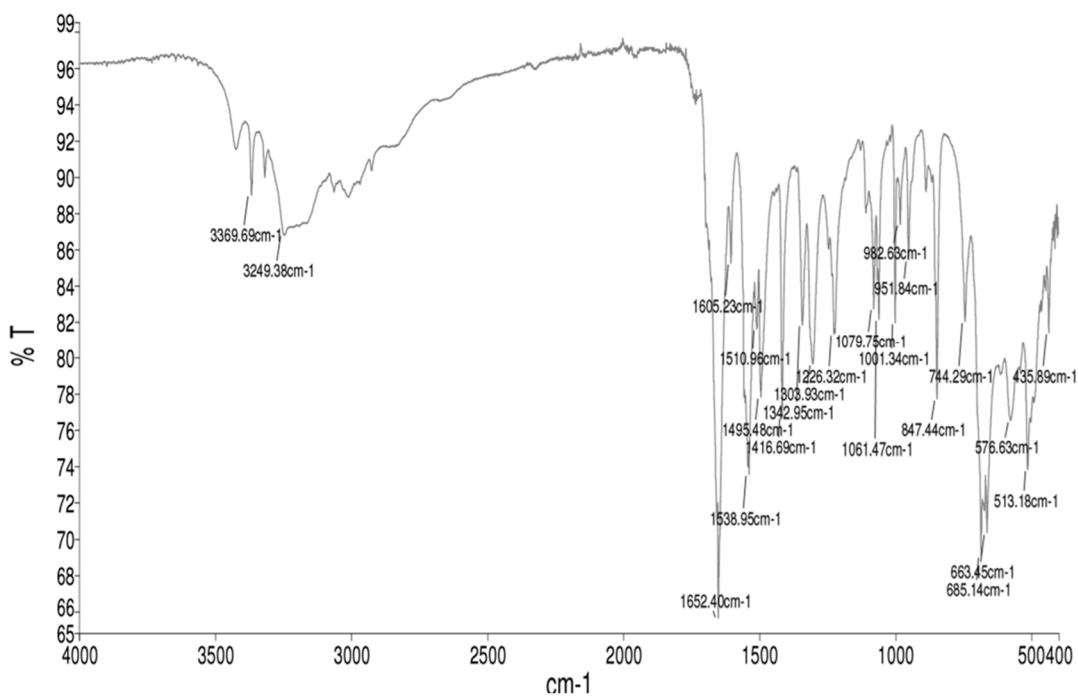


Figure S26. FTIR-ATR spectra of [INH][GcO].

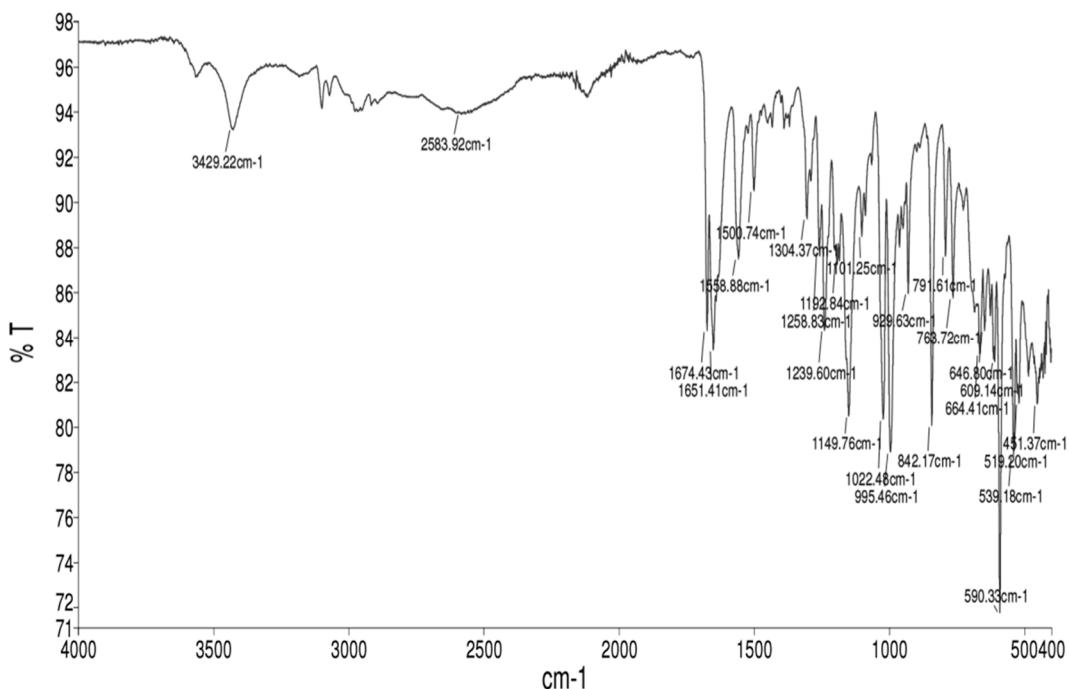


Figure S27. FTIR-ATR spectra of [INH][S-CsO].

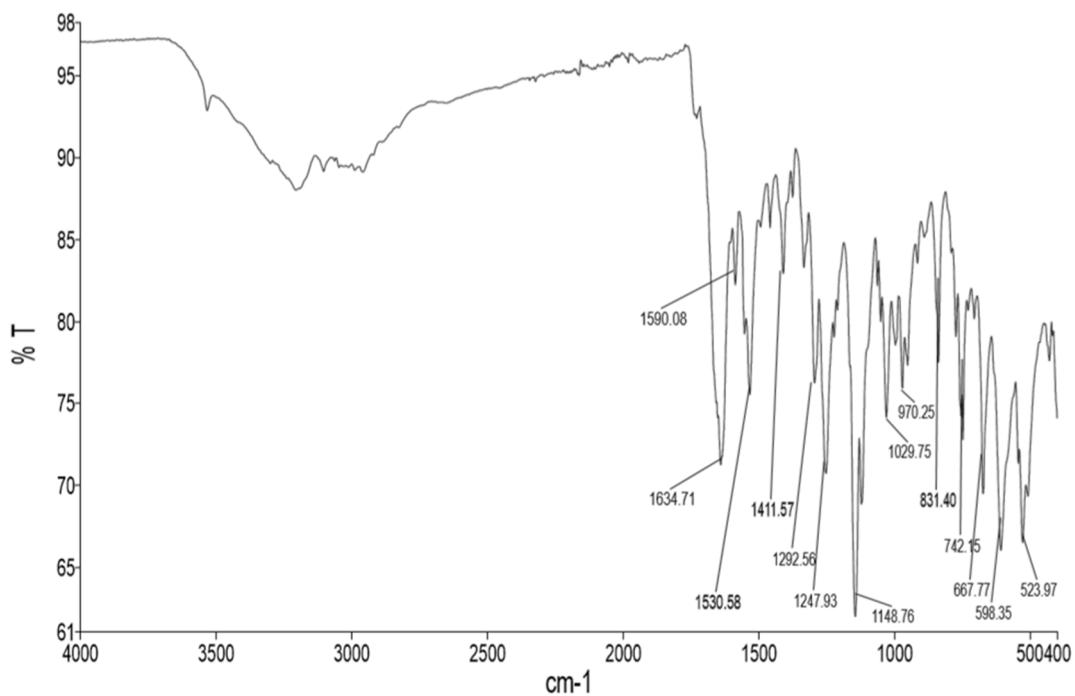


Figure S28. FTIR-ATR spectra of [INH][S-CsO]₂.

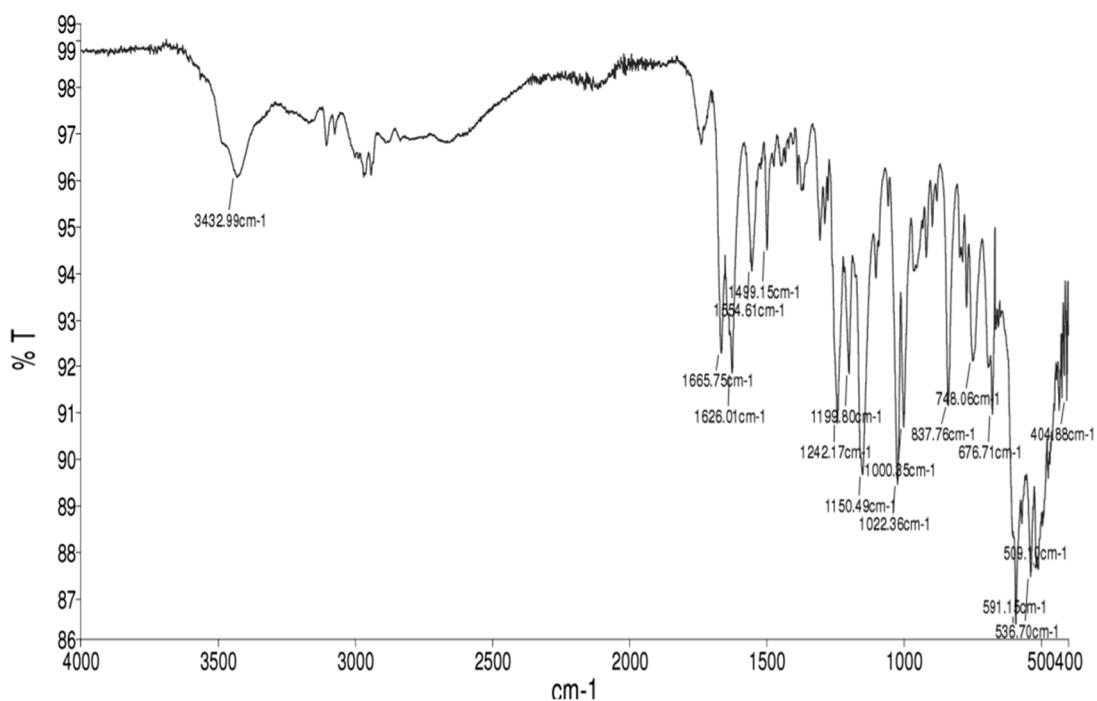


Figure S29. FTIR-ATR spectra of [INH][R-CsO].

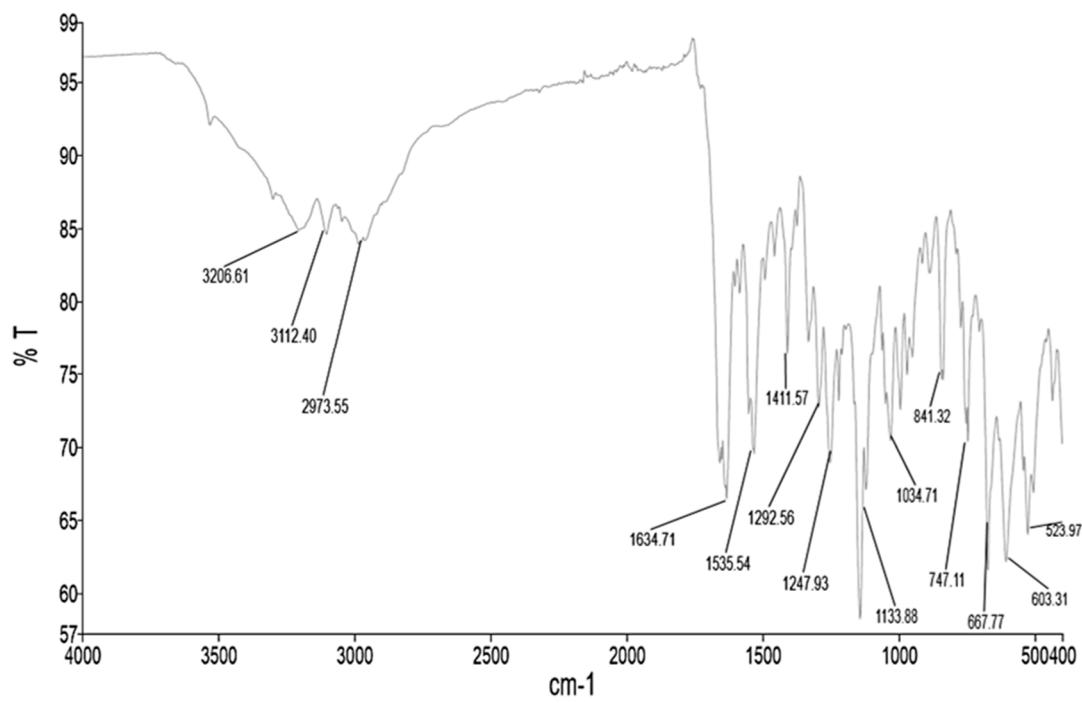


Figure S30. FTIR-ATR spectra of $[\text{INH}][\text{R}-\text{CsO}]_2$.

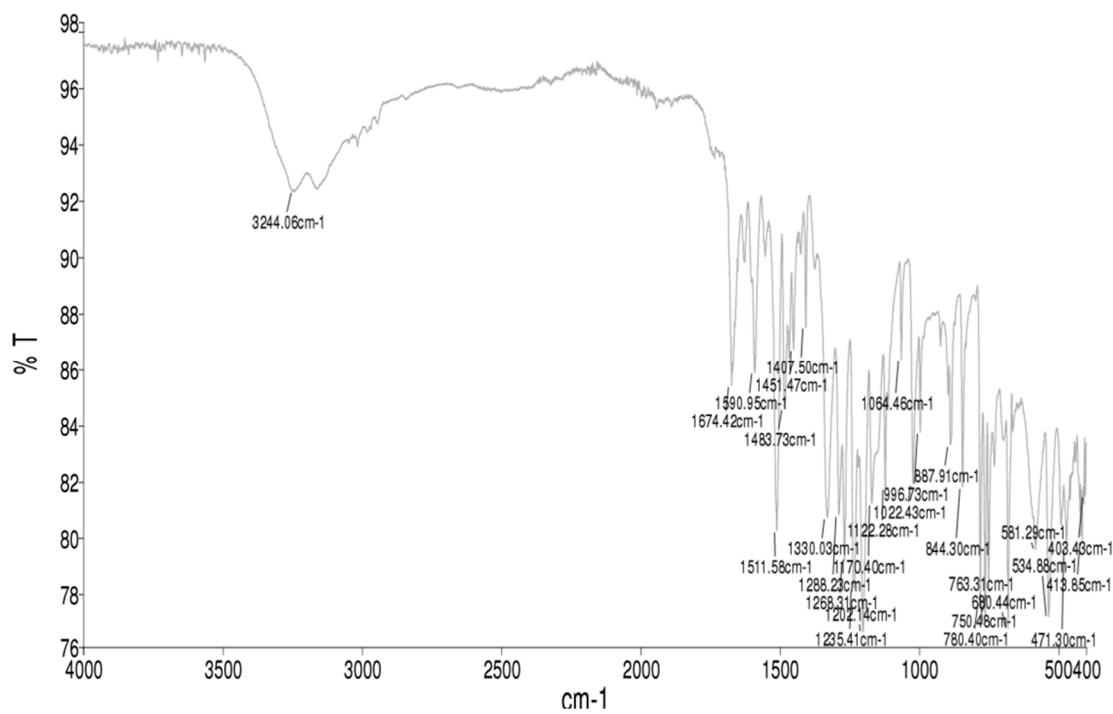


Figure S31. FTIR-ATR spectra of $[\text{INH}][\text{VanO}]$.

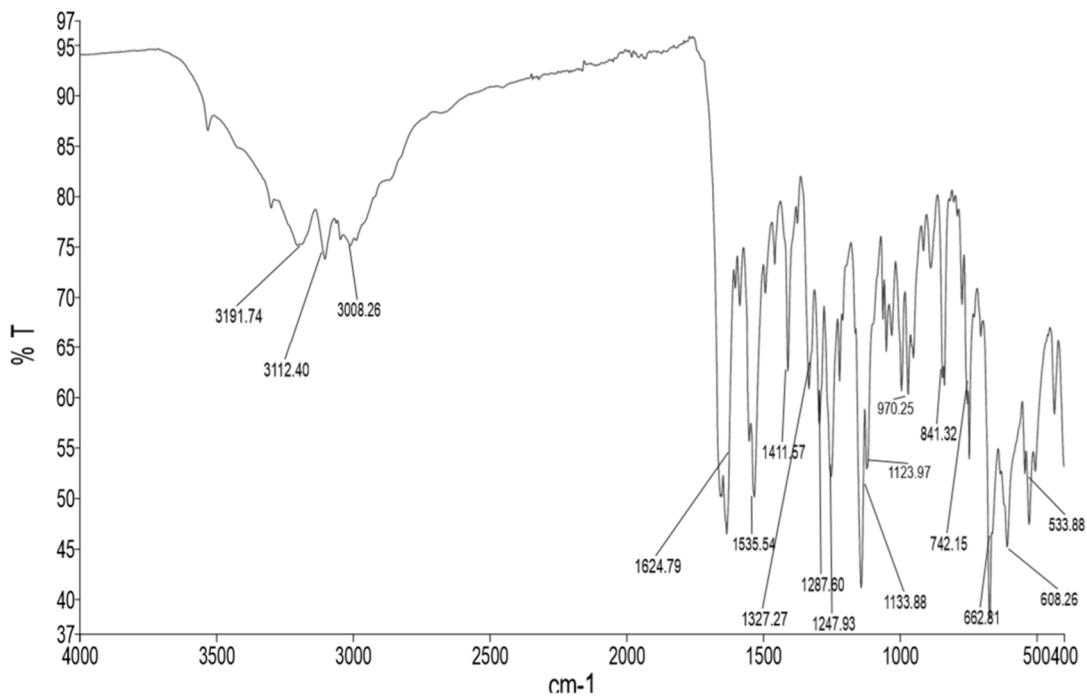


Figure S32. FTIR-ATR spectra of [INH][Sac].

Appendix C@DSC analysis

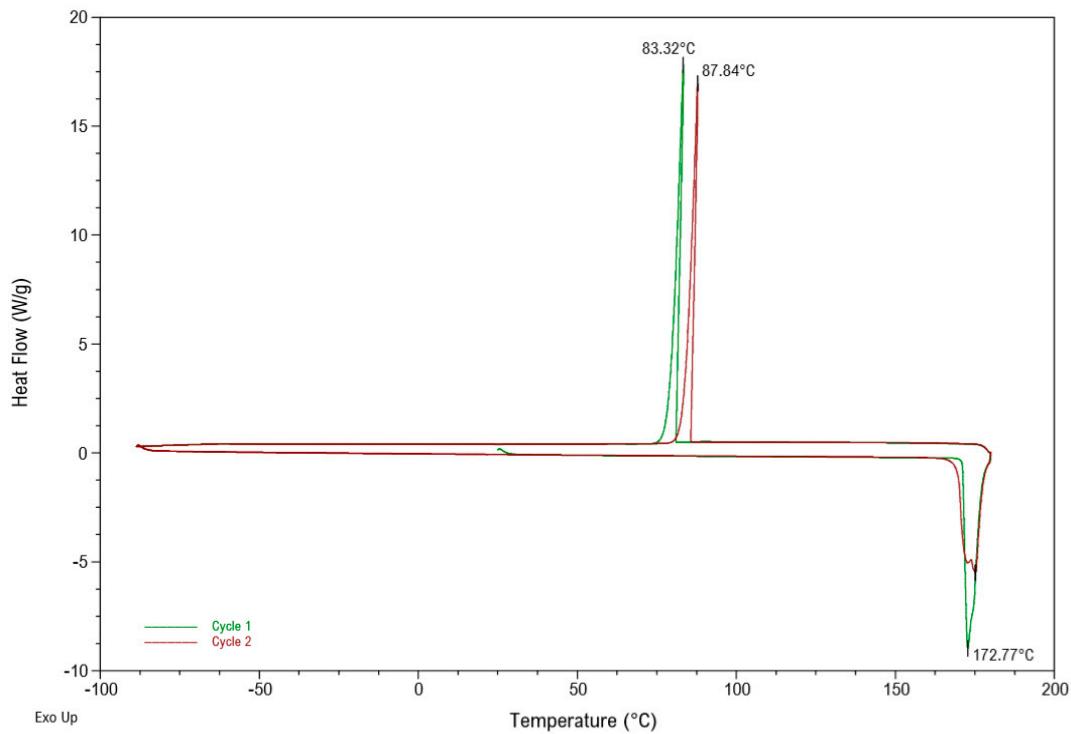


Figure S33. Thermogram of [INH] (DSC).

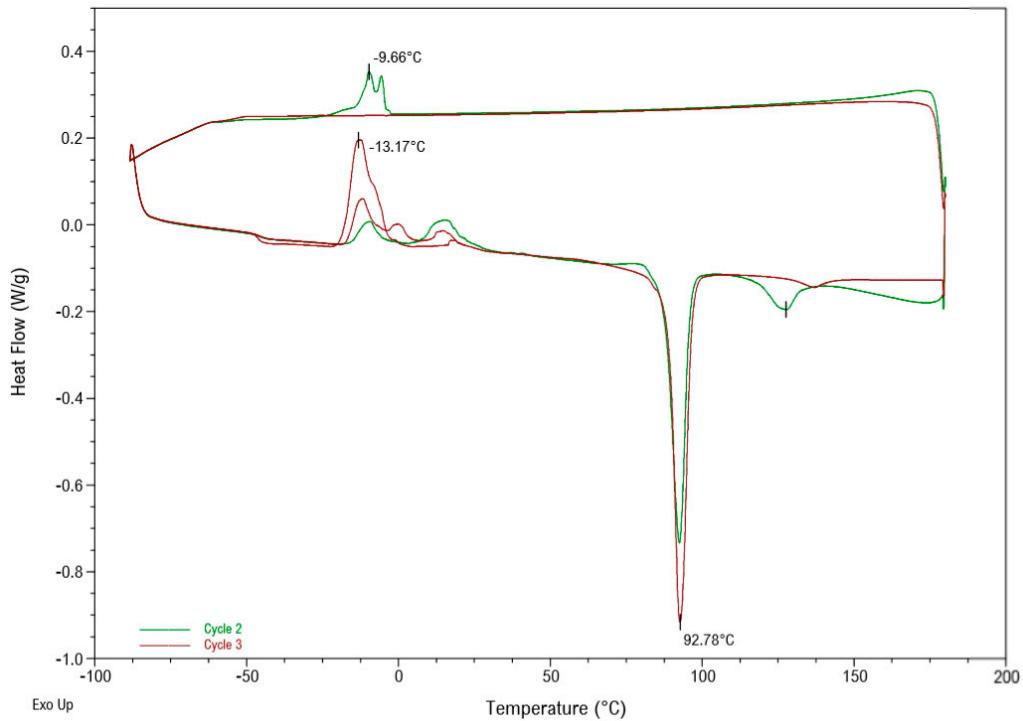


Figure S34. Thermogram of $[INH][Cl]$ (DSC).

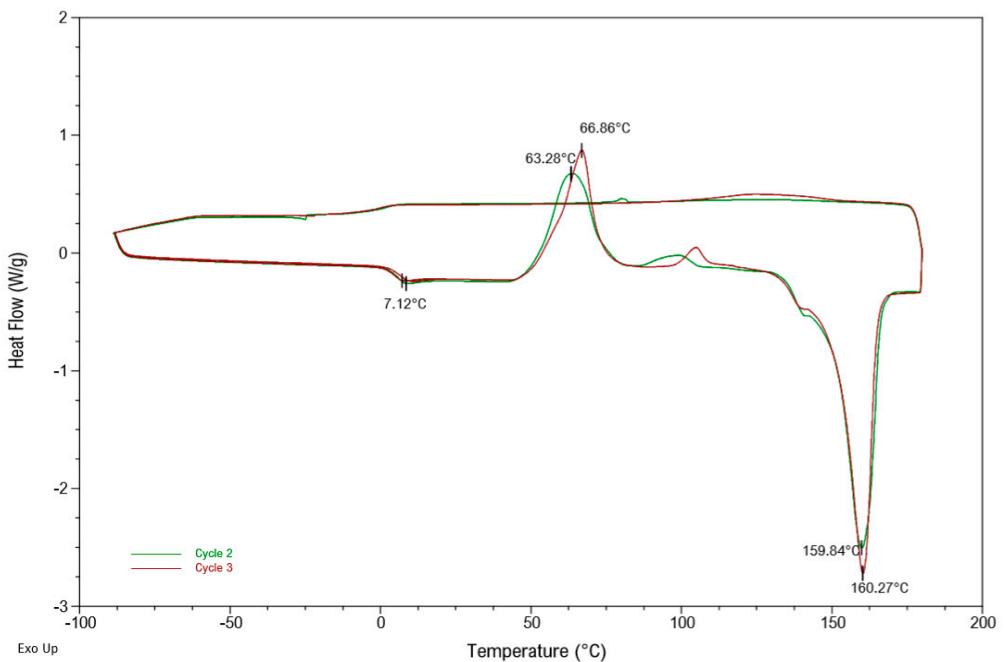


Figure S35. Thermogram of $[INH][Cl]_2$ (DSC).

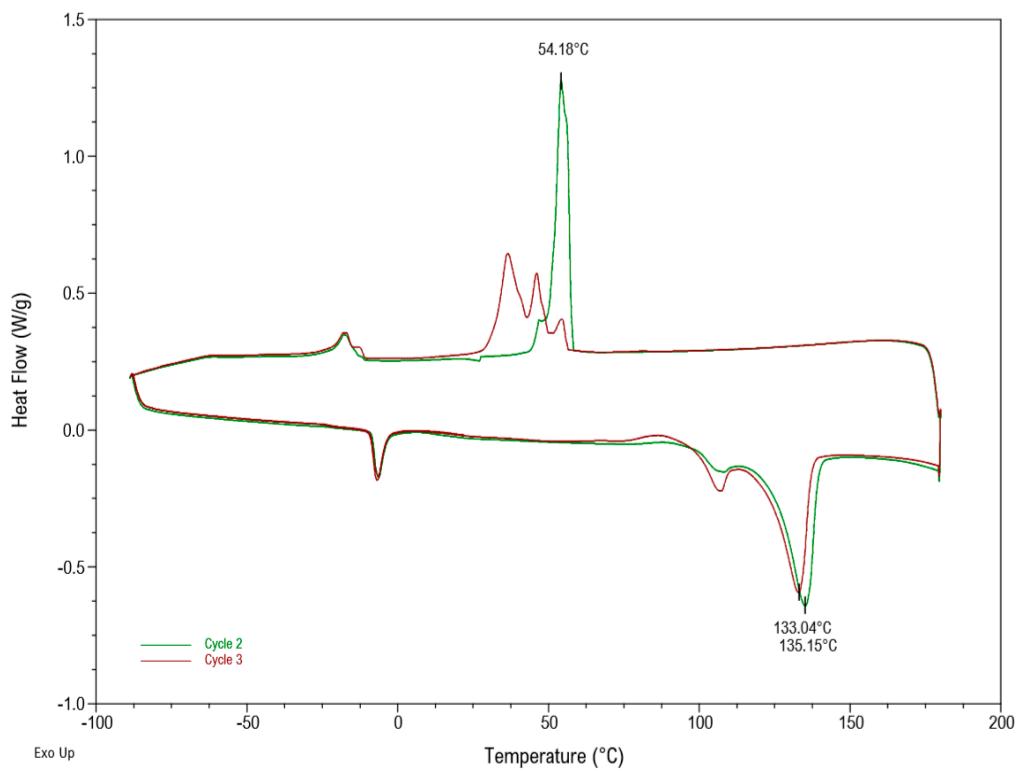


Figure S36. Thermogram of $[INH][MsO]$ (DSC).

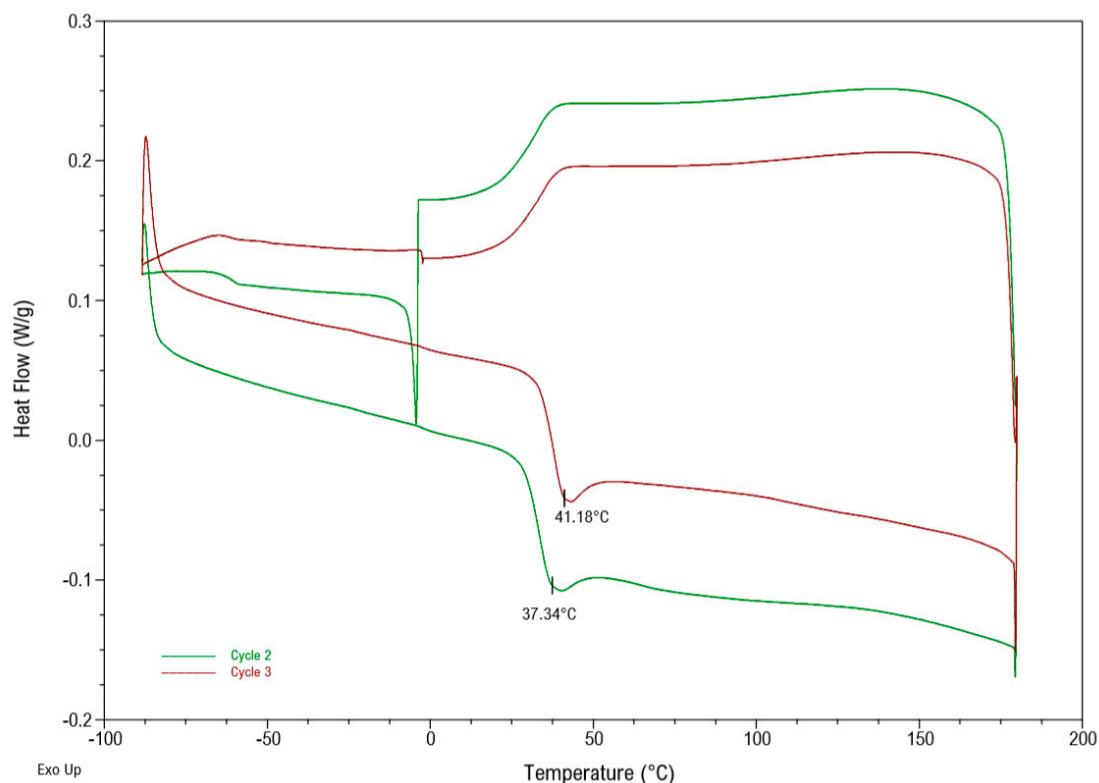


Figure S37. Thermogram of $[INH][GcO]$ (DSC).

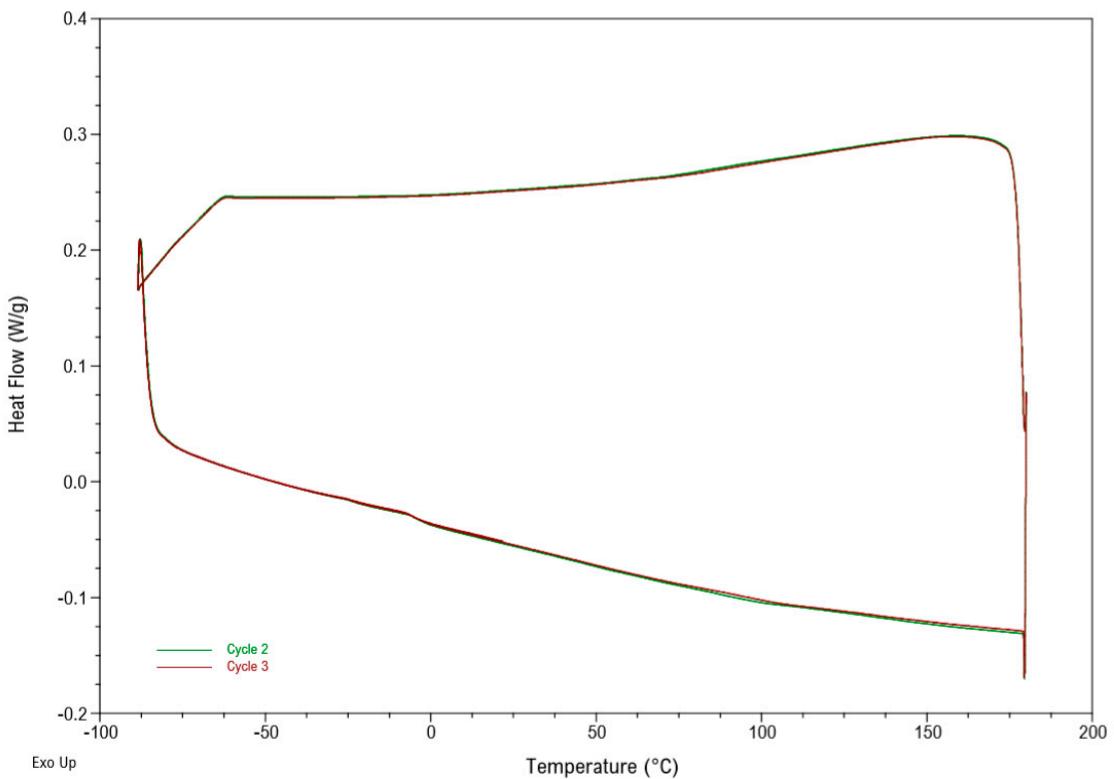


Figure S38. Thermogram of $[INH][S\text{-}CsO]$ (DSC).

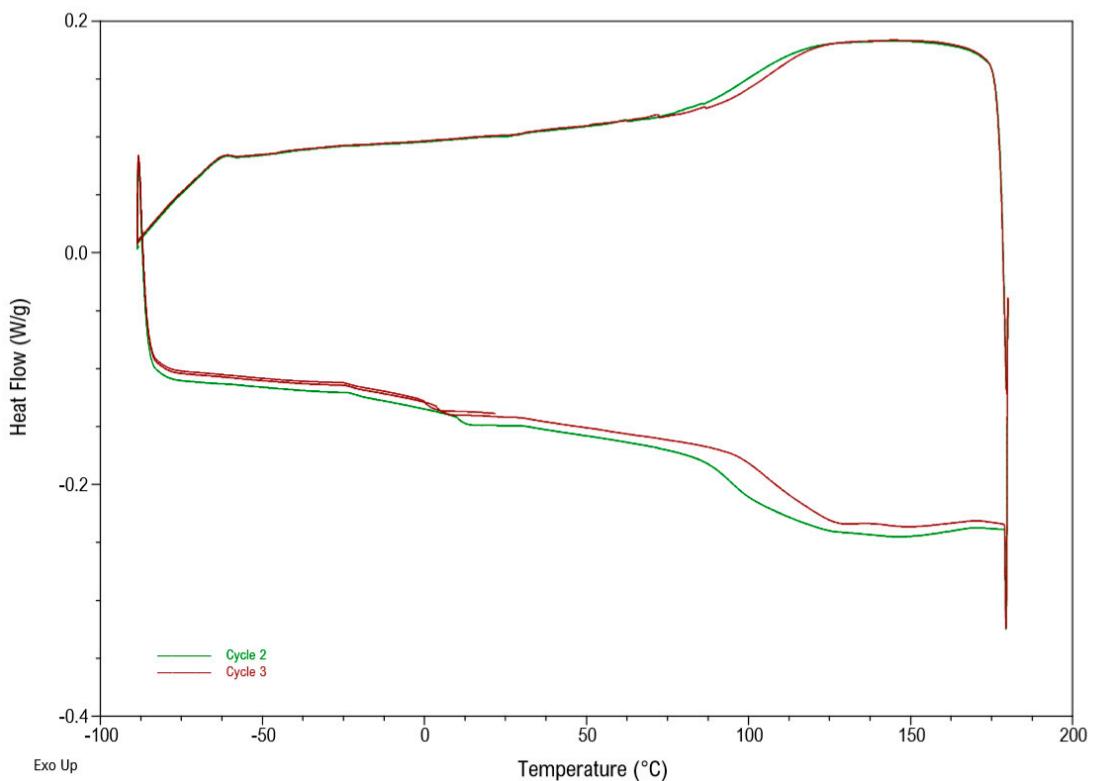


Figure S39. Thermogram of $[INH][S\text{-}CsO]_2$ (DSC).

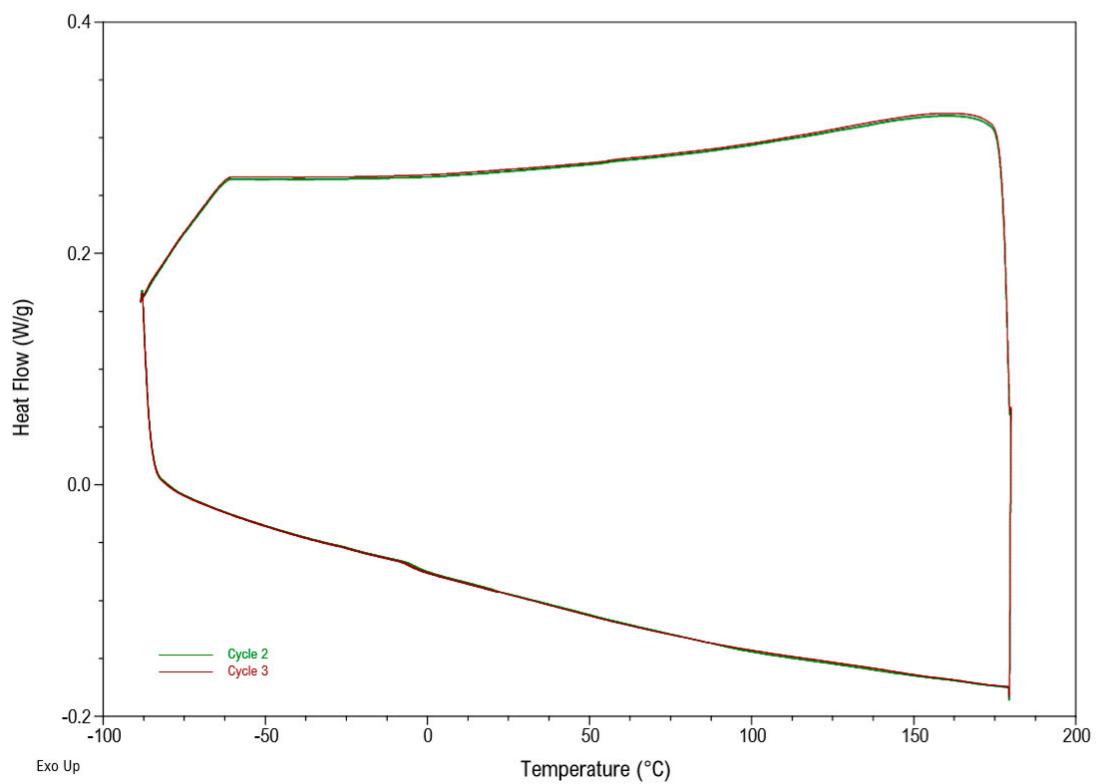


Figure S40. Thermogram of $[\text{INH}][\text{R-CsO}]$ (DSC).

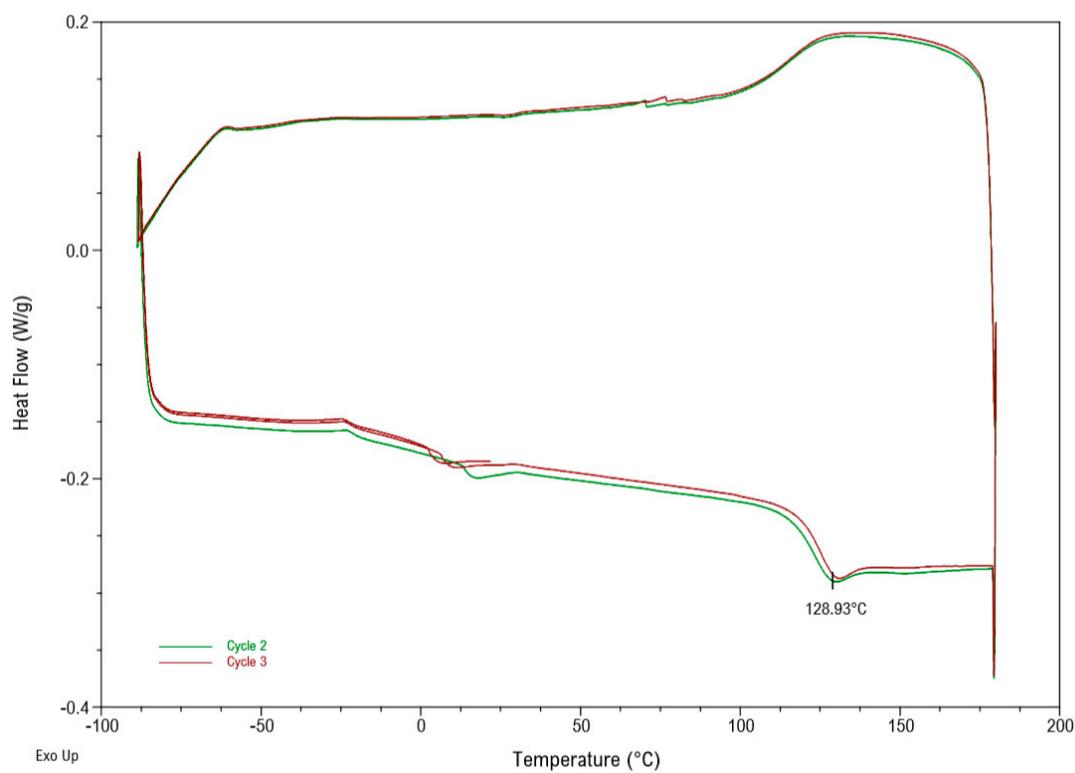


Figure S41. Thermogram of $[\text{INH}][\text{R-CsO}]_2$ (DSC).

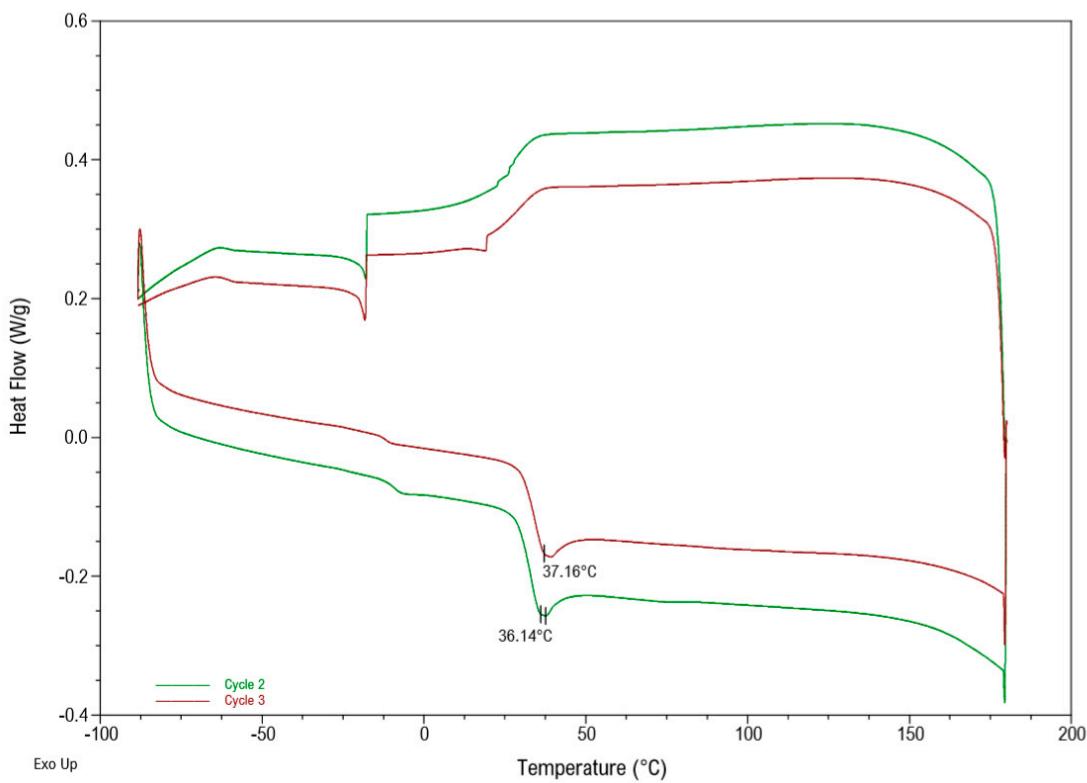


Figure S42. Thermogram of [INH][VanO] (DSC).

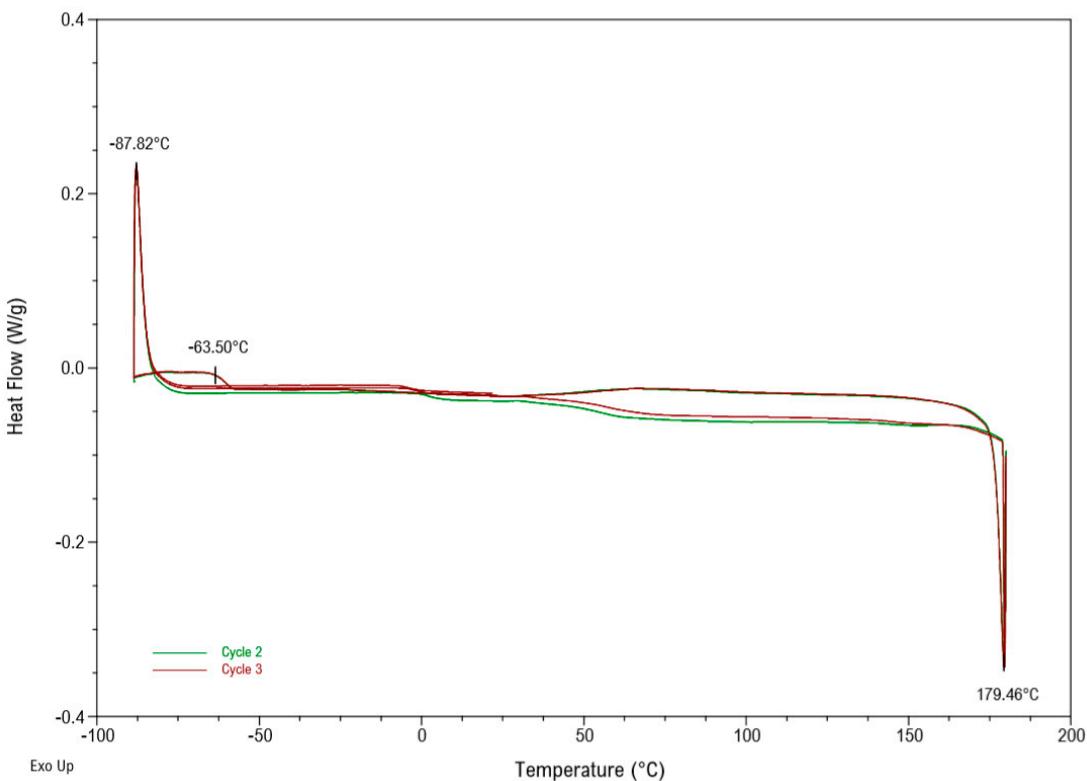


Figure S43. Thermogram of [INH][Sac] (DSC).