

## SUPPLEMENTARY MATERIAL

### On the Mechanism of Berberine-INF55 (5-Nitro-2-Phenylindole) Hybrid Antibacterials

*Naveen K. Dolla,<sup>A,F</sup> Chao Chen,<sup>B,F</sup> Jonah Larkins-Ford,<sup>C</sup> Rajmohan Rajamuthiah,<sup>D</sup> Sakthimala Jagadeesan,<sup>C,E</sup>  
Annie L. Conery,<sup>C,E</sup> Frederick M. Ausubel,<sup>C,E</sup> Eleftherios Mylonakis,<sup>D</sup> John B. Bremner,<sup>A</sup> Kim Lewis,<sup>B</sup> Michael J.  
Kelso<sup>A,F</sup>*

<sup>A</sup>School of Chemistry, University of Wollongong, Wollongong, NSW 2522, Australia.

<sup>B</sup>Department of Biology and Antimicrobial Discovery Center, Northeastern University, Boston, MA 02115, USA.

<sup>C</sup>Department of Molecular Biology, Massachusetts General Hospital, Boston, MA 02114, USA.

<sup>D</sup>Department of Medicine, Infectious Diseases Division, Rhode Island Hospital, Warren Alpert Medical School of Brown University, Providence, RI 02903, USA.

<sup>E</sup>Department of Genetics, Harvard Medical School, Boston, MA 02115, USA.

<sup>F</sup>These authors contributed equally to this work.

Corresponding author. Email: mkelso@uow.edu.au

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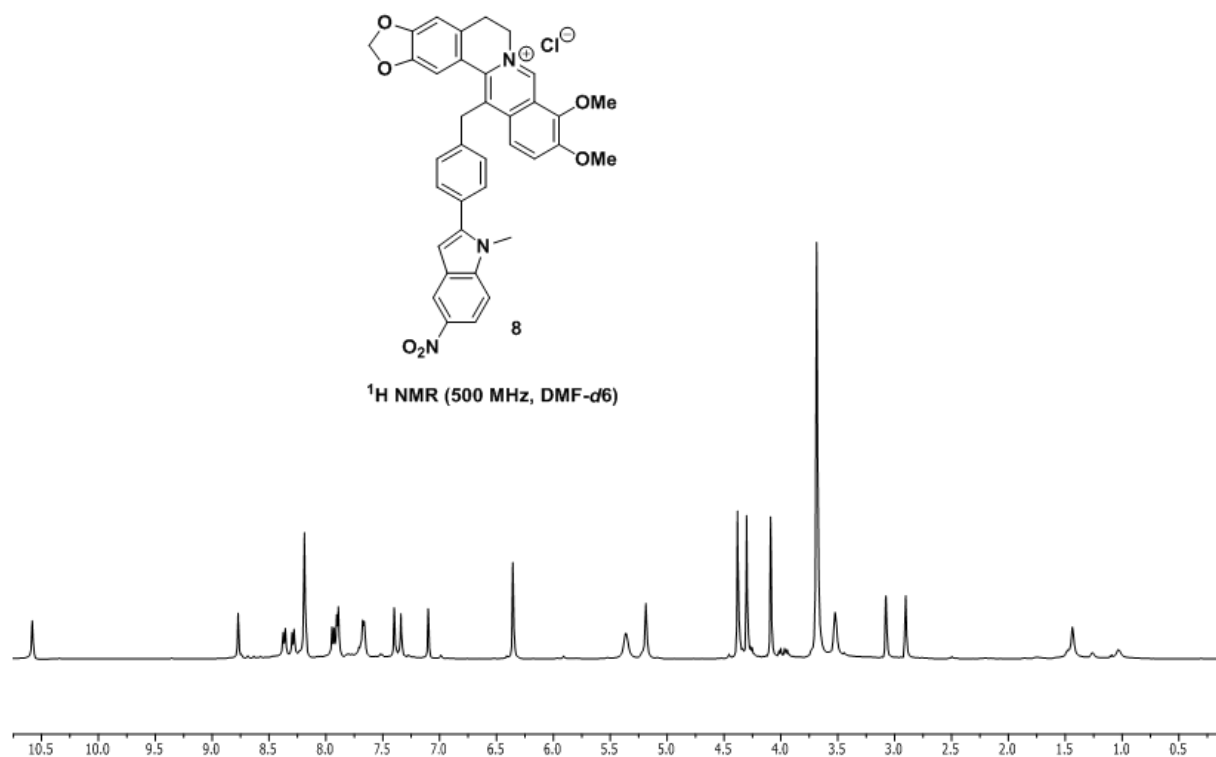
**Figure S4.**  $^{13}\text{C}$  (APT) NMR spectrum of **9**.

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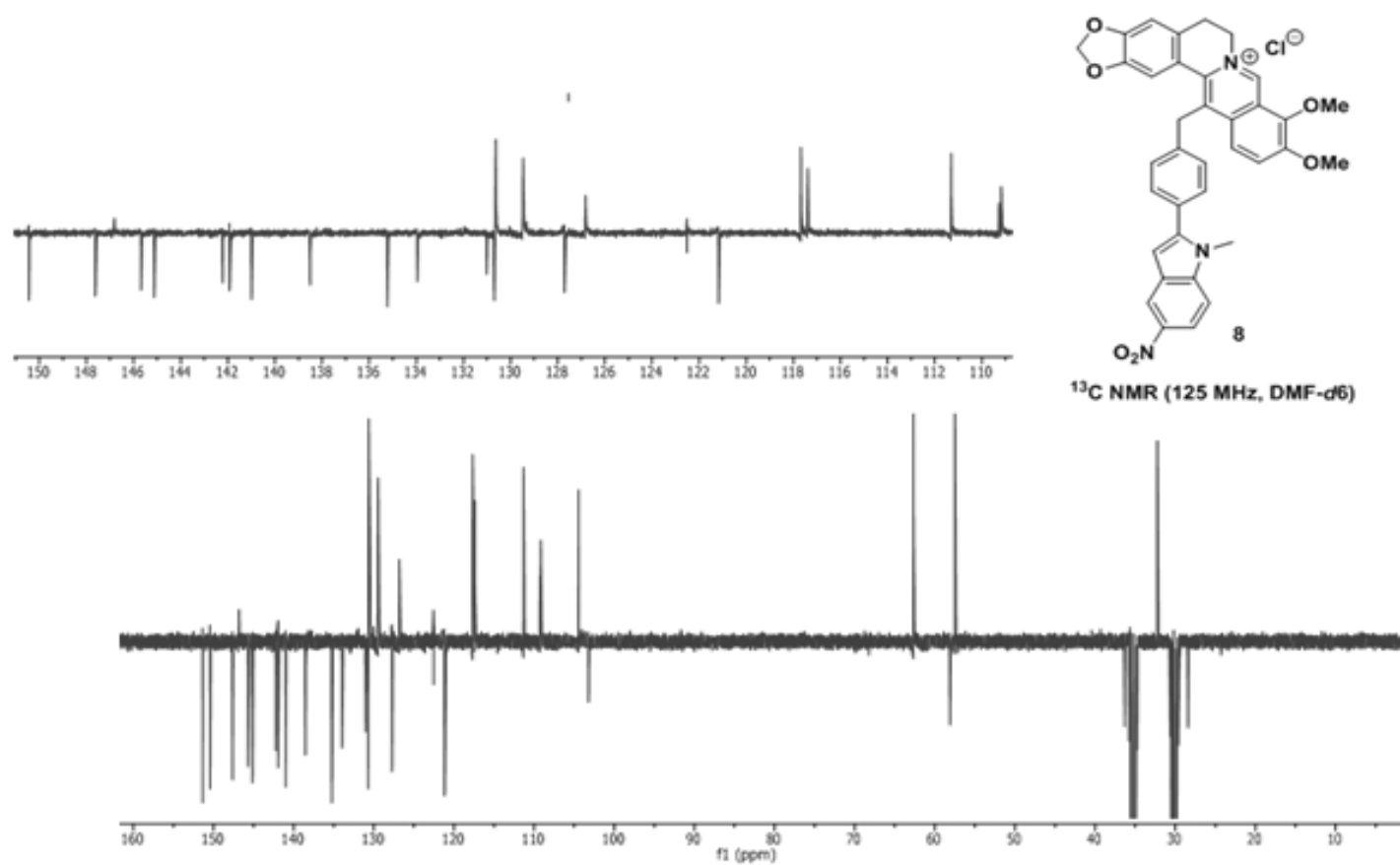
**Figure S6.**  $^{13}\text{C}$  (APT) NMR spectrum of **19**.

**Figure S7.**  $^1\text{H}$  NMR spectrum of **20**.

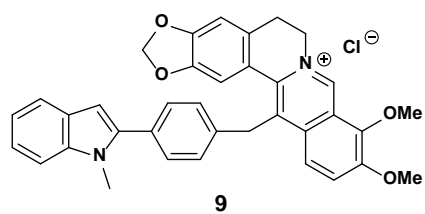
**Figure S8.**  $^{13}\text{C}$  (APT) NMR spectrum of **20**.



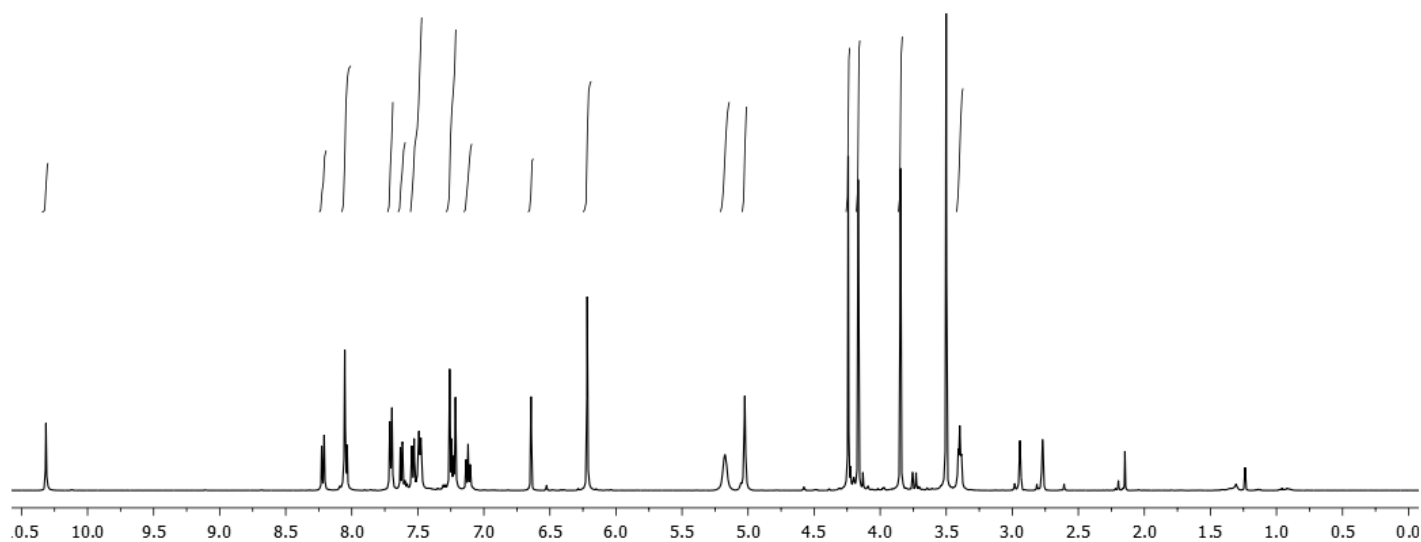
**Figure S1.** <sup>1</sup>H NMR spectrum of **8**.



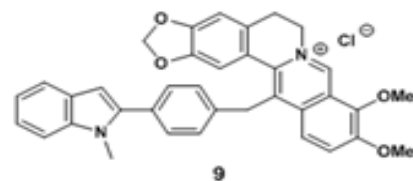
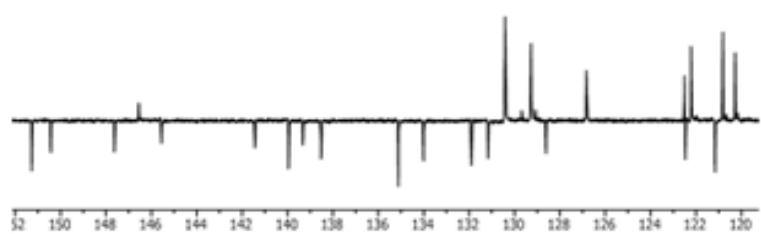
**Figure S2.** <sup>13</sup>C (APT) NMR spectrum of **8**.



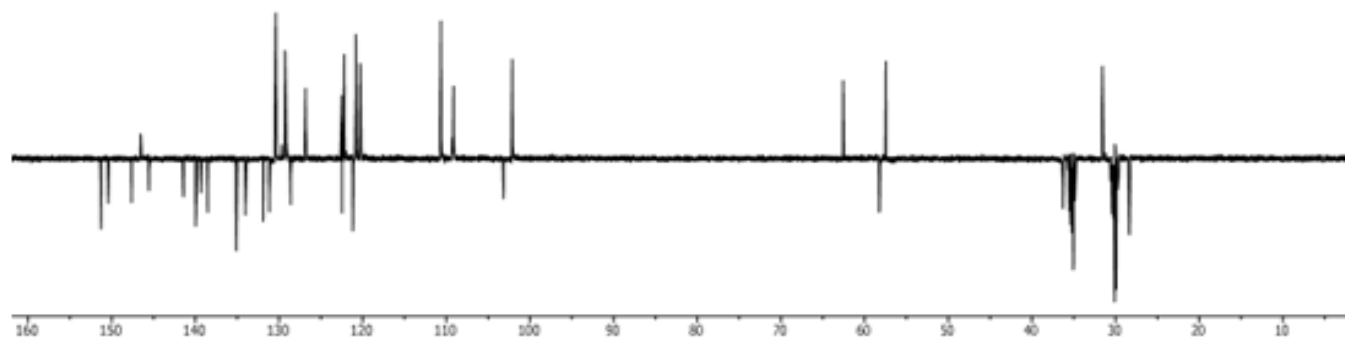
<sup>1</sup>H NMR (500 MHz, DMF-d<sub>6</sub>)



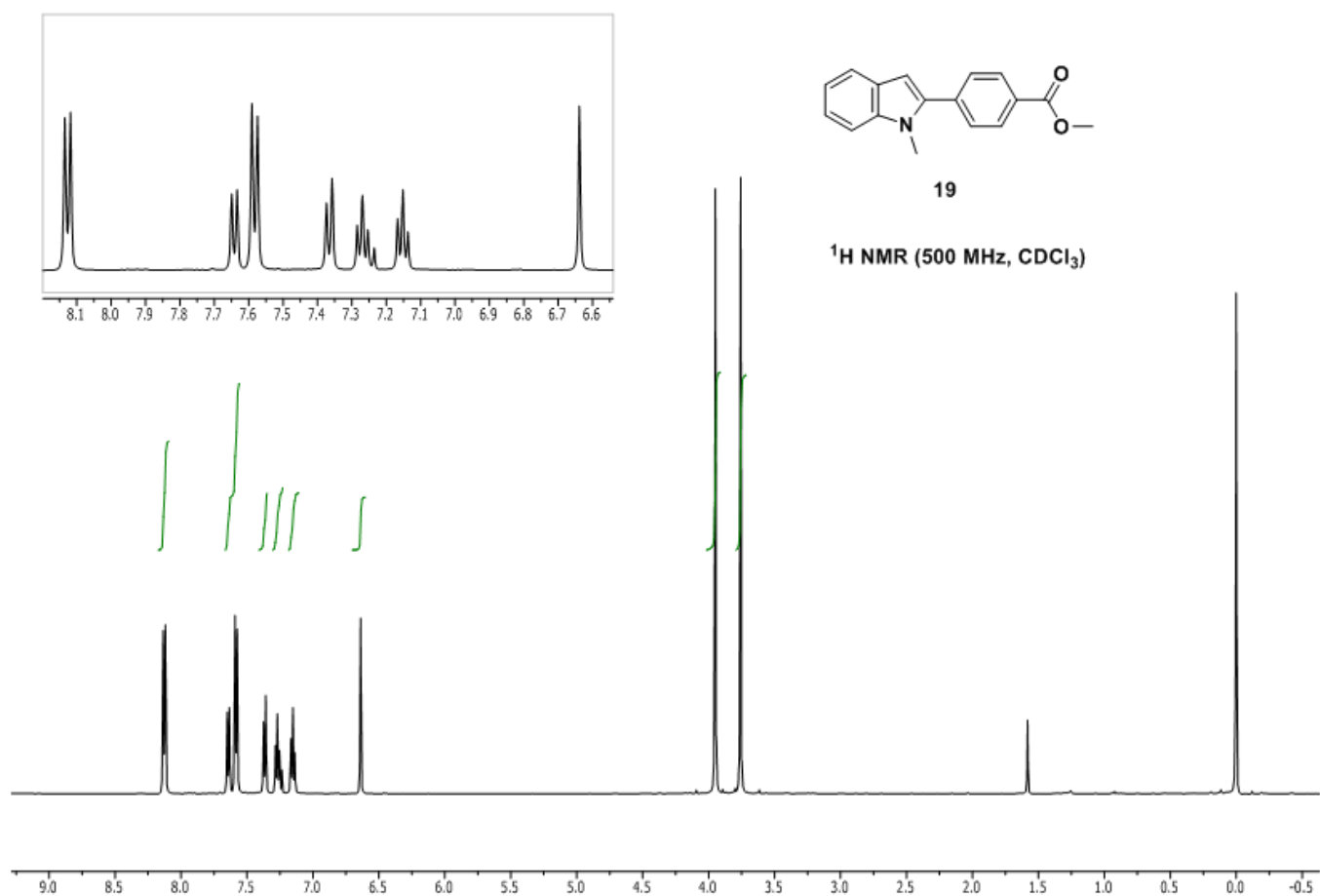
**Figure S3.** <sup>1</sup>H NMR spectrum of **9**.



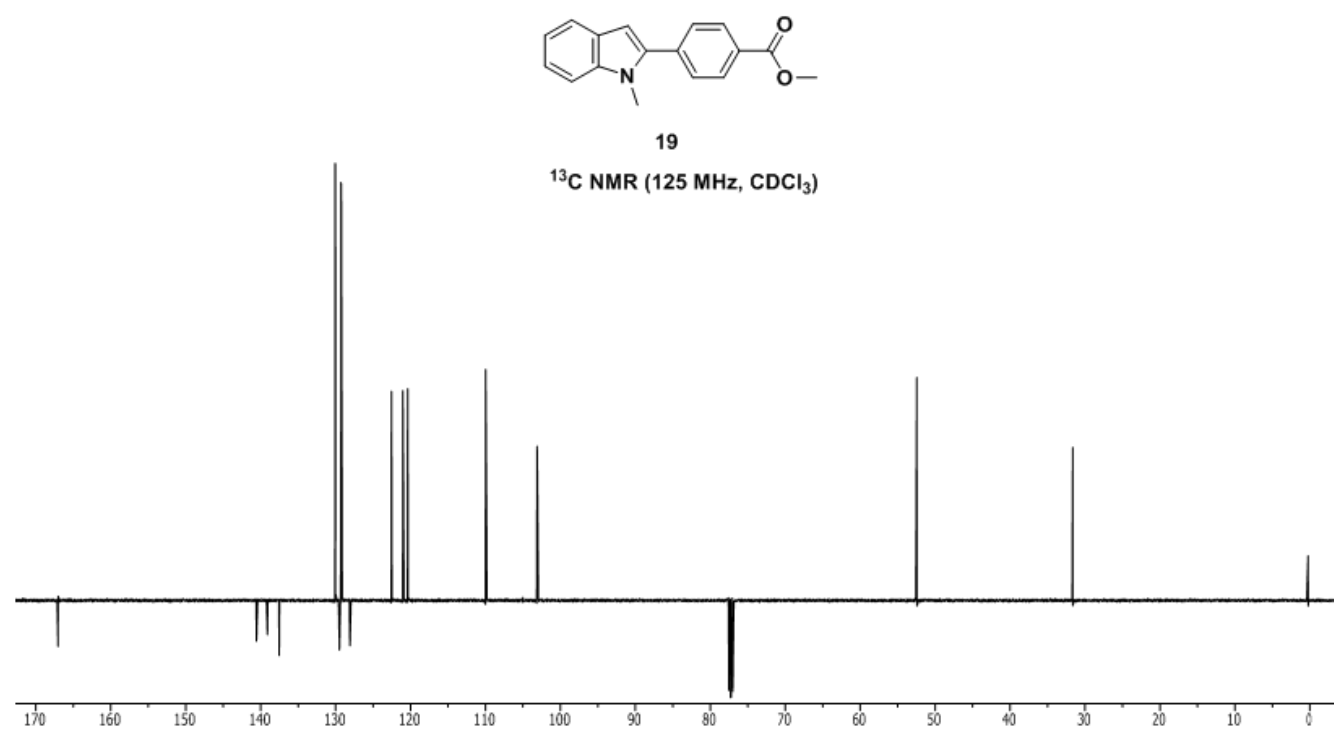
<sup>13</sup>C NMR (125 MHz, DMF-d<sub>6</sub>)



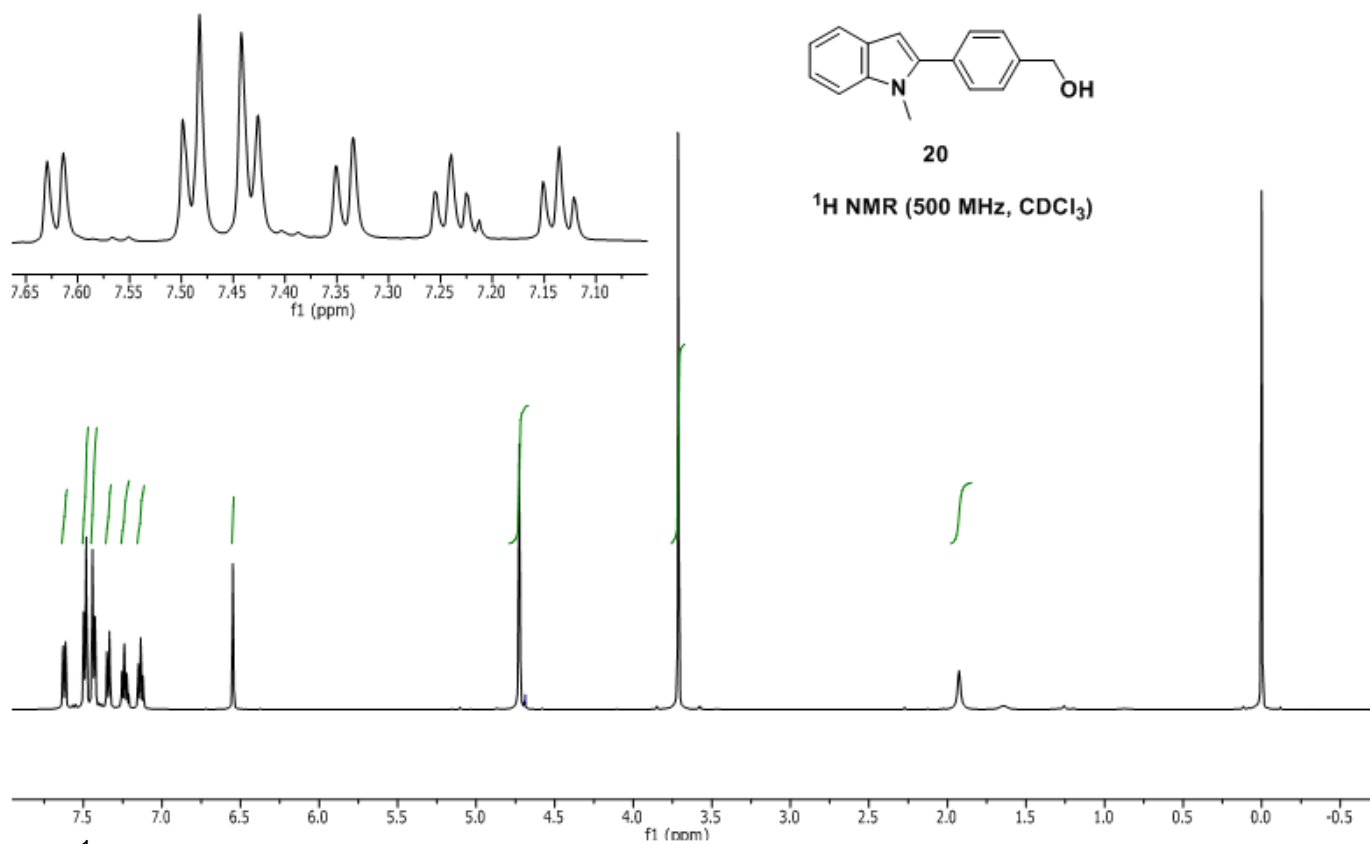
**Figure S4.** <sup>13</sup>C (APT) NMR spectrum of **9**.



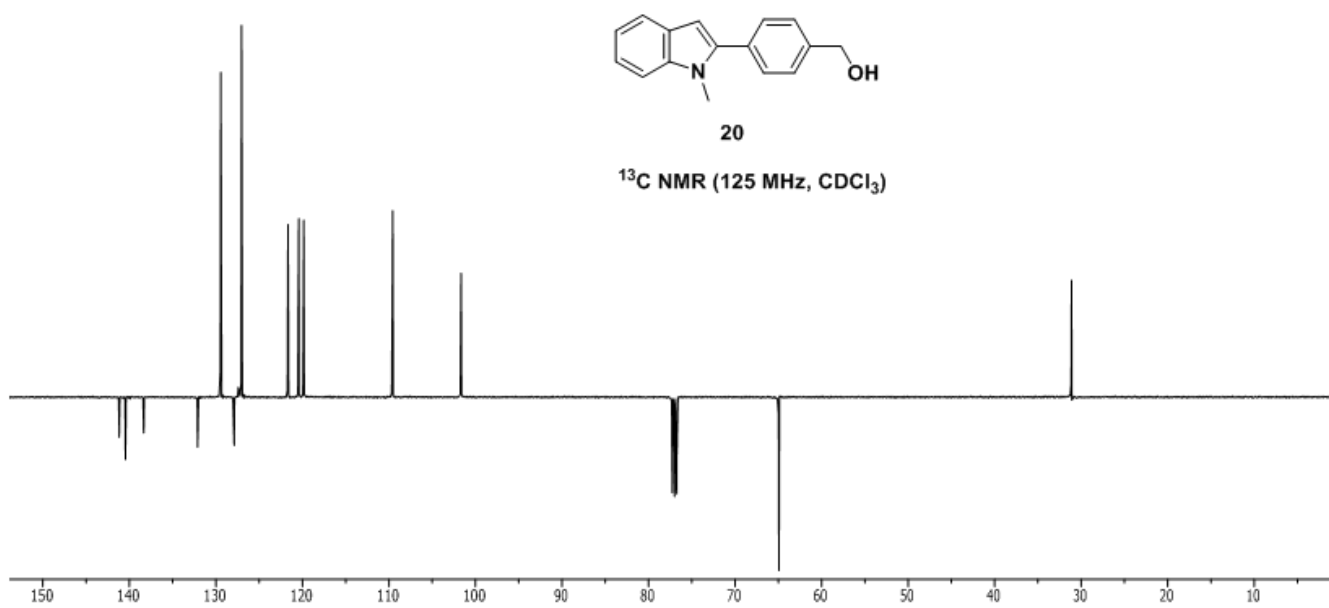
**Figure S5.**  $^1\text{H}$  NMR spectrum of **19**.



**Figure S6.**  $^{13}\text{C}$  (APT) NMR spectrum of **19**.



**Figure S7.**  $^1\text{H}$  NMR spectrum of **20**.



**Figure S8.**  $^{13}\text{C}$  (APT) NMR spectrum of **20**.