

Synthesis of a Novel Series of 4-Arylpiperazinyl Derivatives Linked to a 2-(Pyridin-3-yl)-1*H*-benzimidazole as New Delavirdine Analogues

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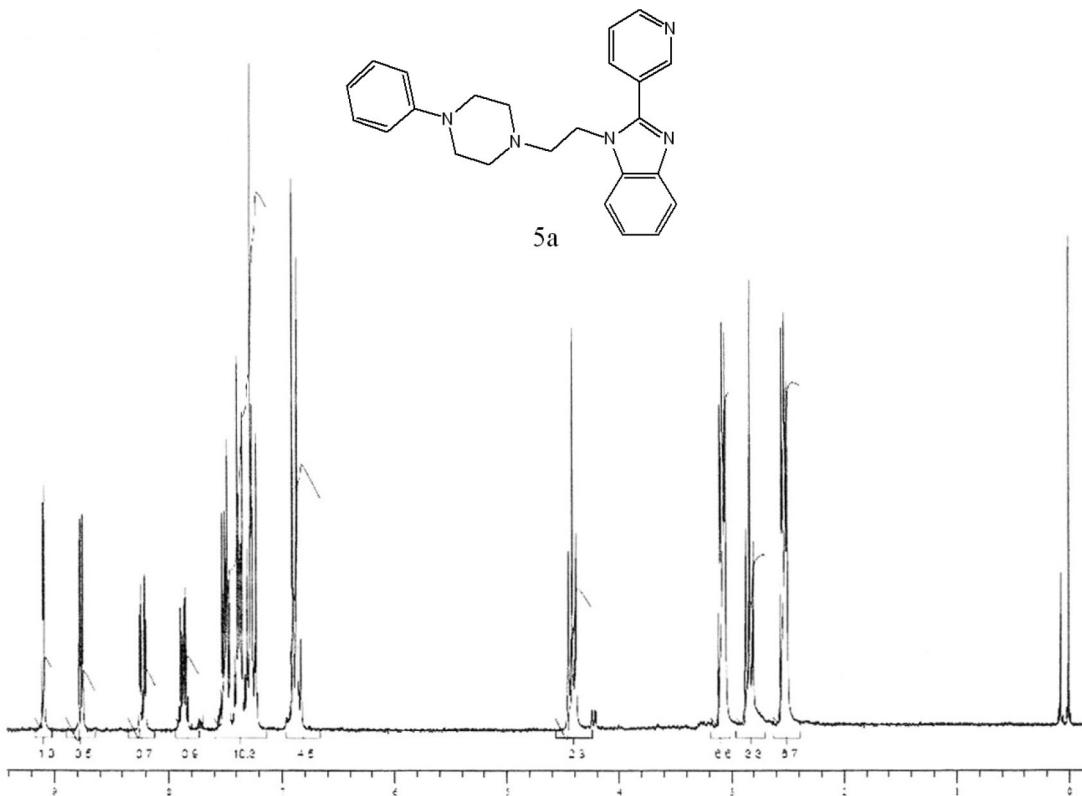
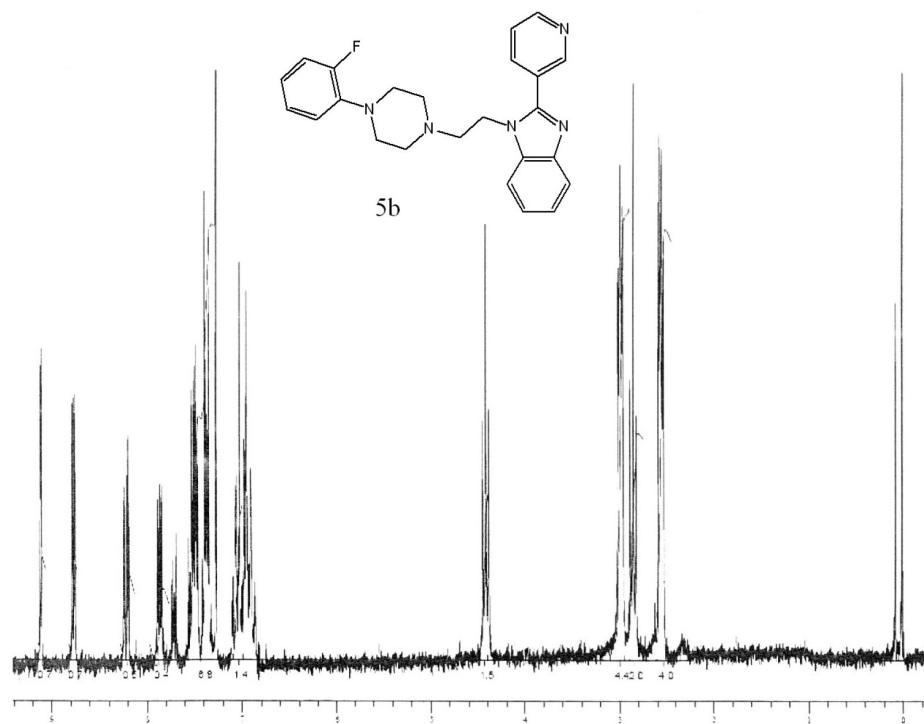
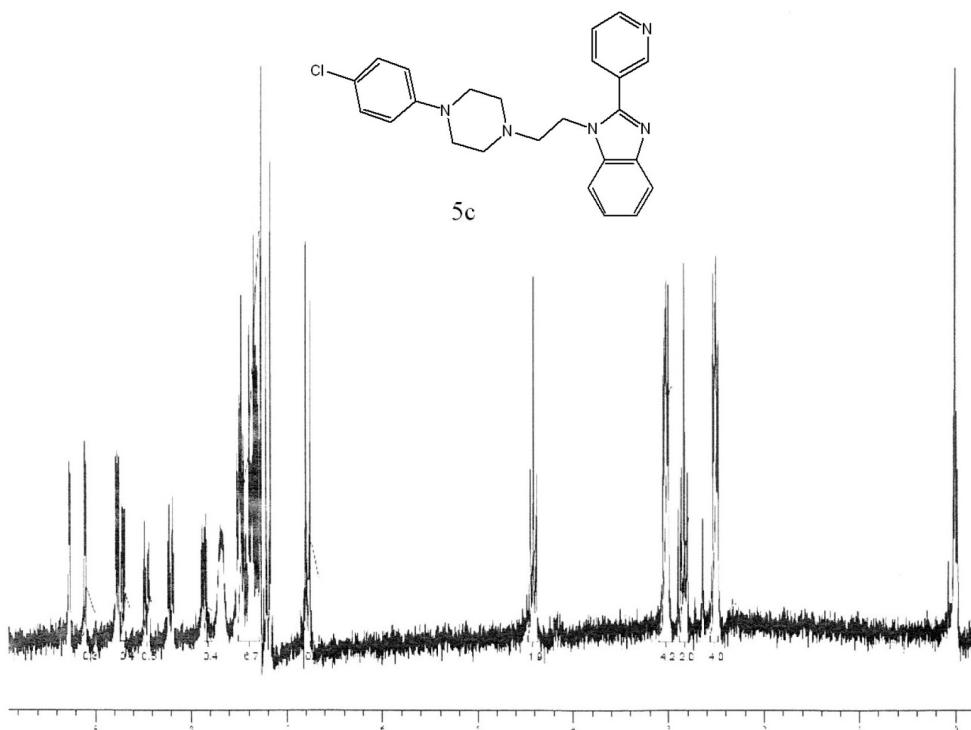


Figure S1. <sup>1</sup>H NMR spectrum of compound 5a (CDCl<sub>3</sub>, 200 MHz).

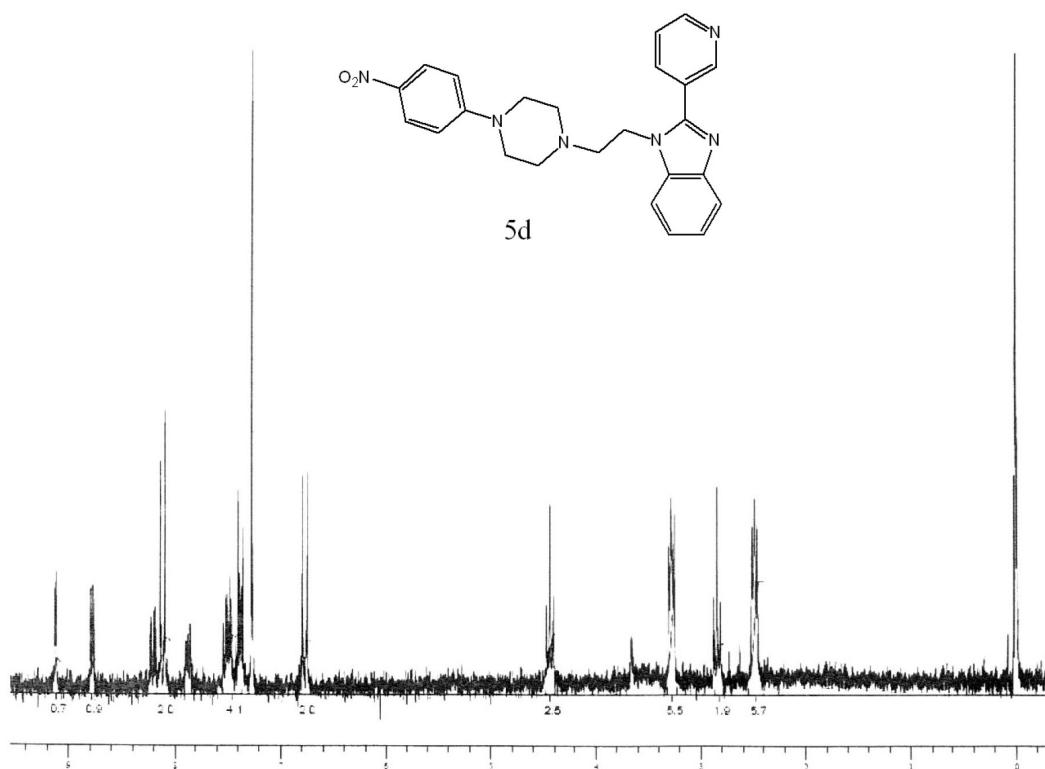
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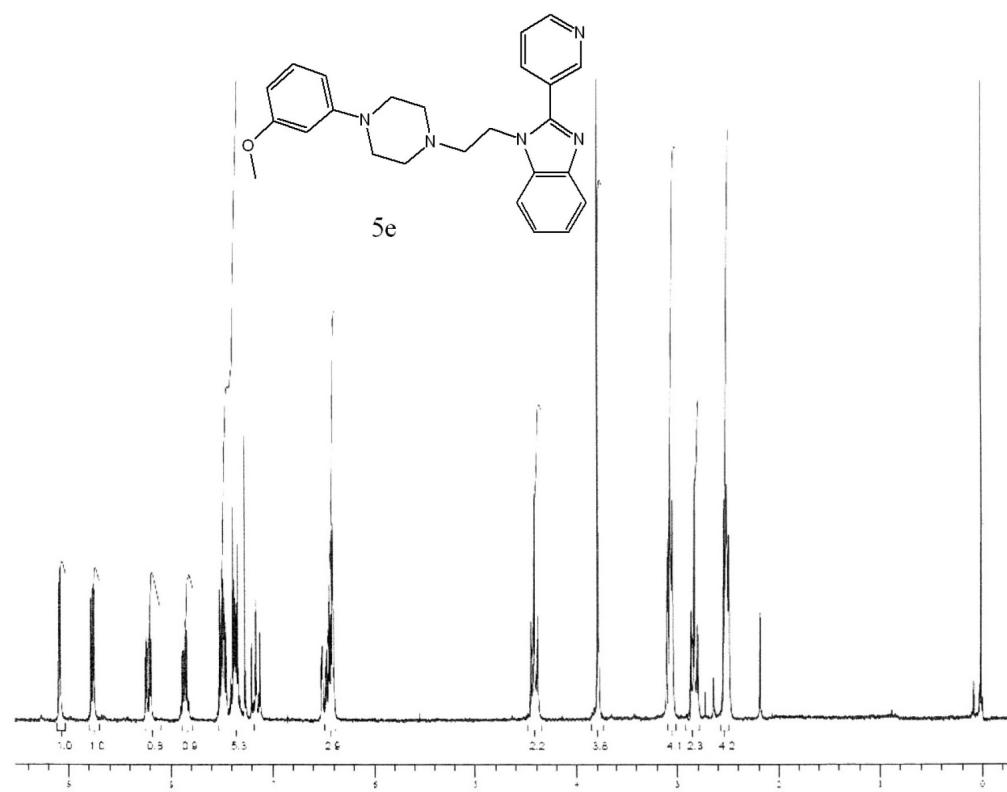
**Figure S2.** <sup>1</sup>H NMR spectrum of compound **5b** (CDCl<sub>3</sub>, 200 MHz).



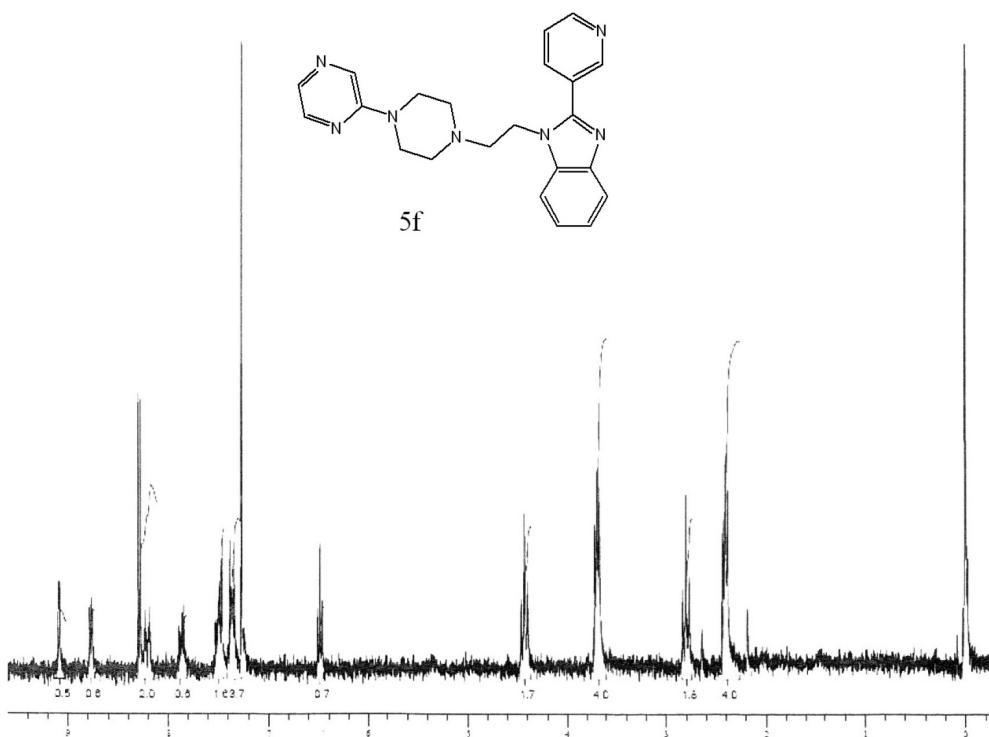
**Figure S3.** <sup>1</sup>H NMR spectrum of compound **5c** (CDCl<sub>3</sub>, 200 MHz).



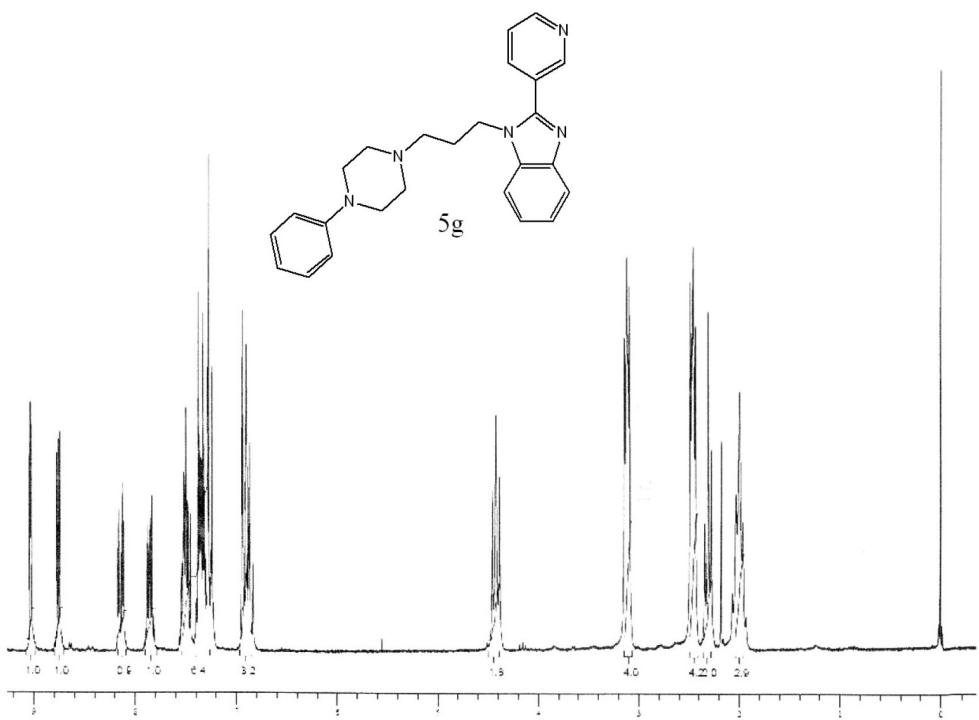
**Figure S4.** <sup>1</sup>H NMR spectrum of compound **5d** (CDCl<sub>3</sub>, 200 MHz).



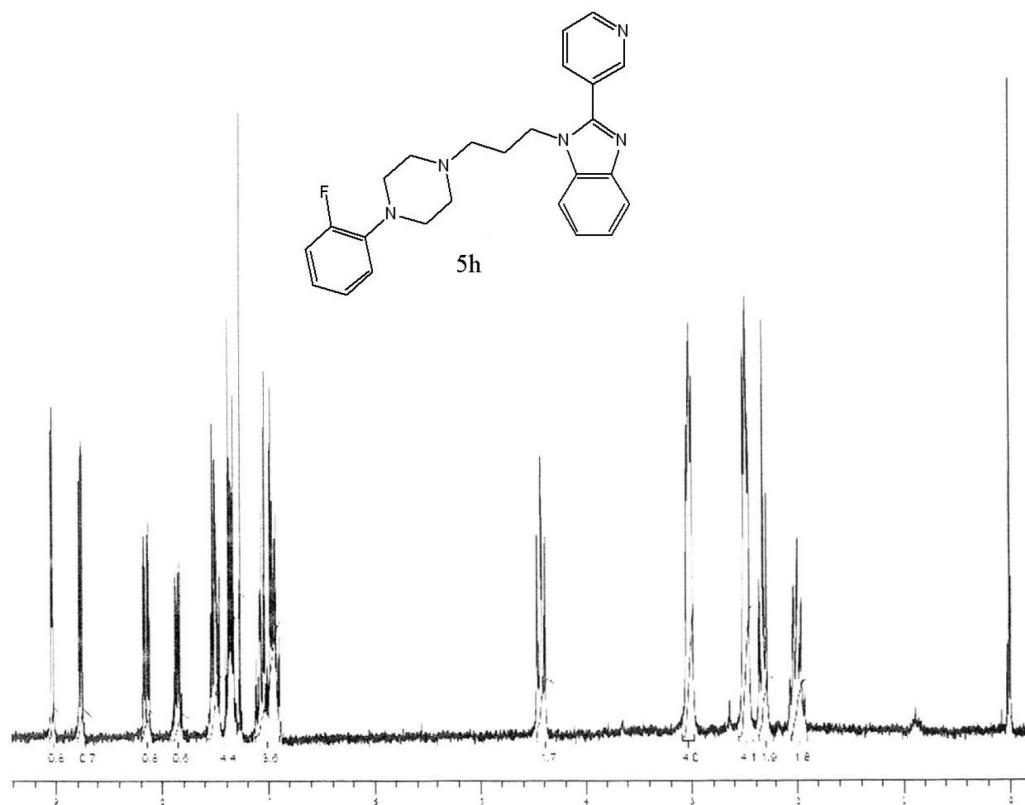
**Figure S5.** <sup>1</sup>H NMR spectrum of compound **5e** (CDCl<sub>3</sub>, 200 MHz).



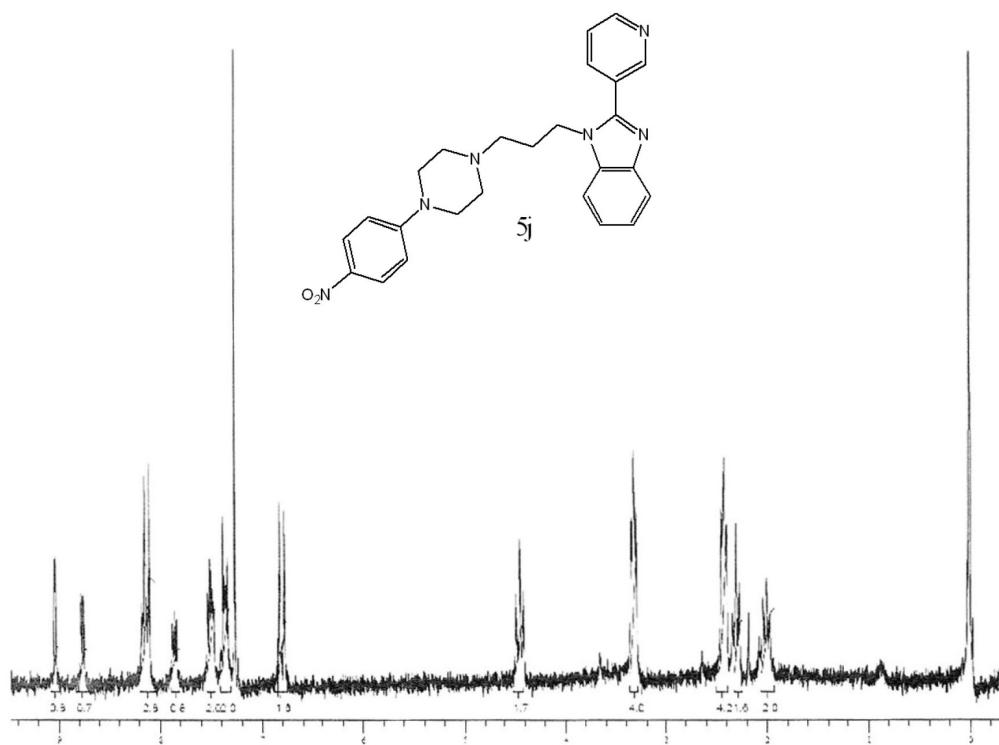
**Figure S6.** <sup>1</sup>H NMR spectrum of compound **5f** ( $\text{CDCl}_3$ , 200 MHz).



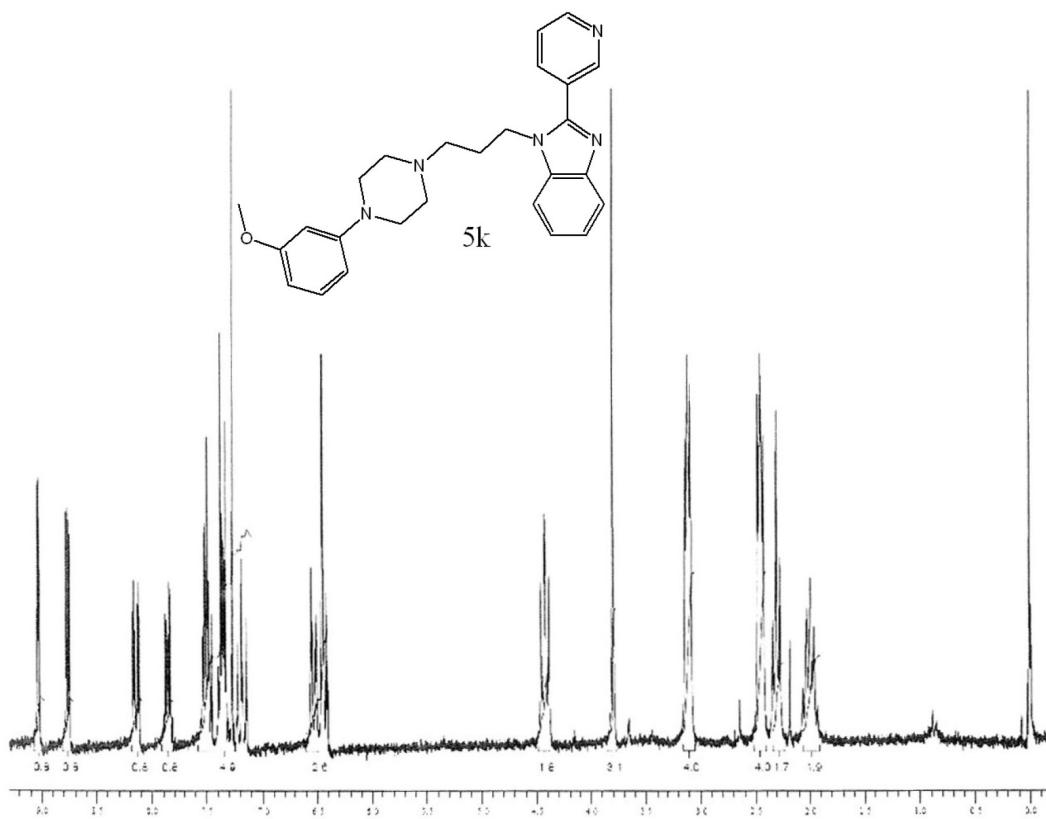
**Figure S7.** <sup>1</sup>H NMR spectrum of compound **5g** ( $\text{CDCl}_3$ , 200 MHz).



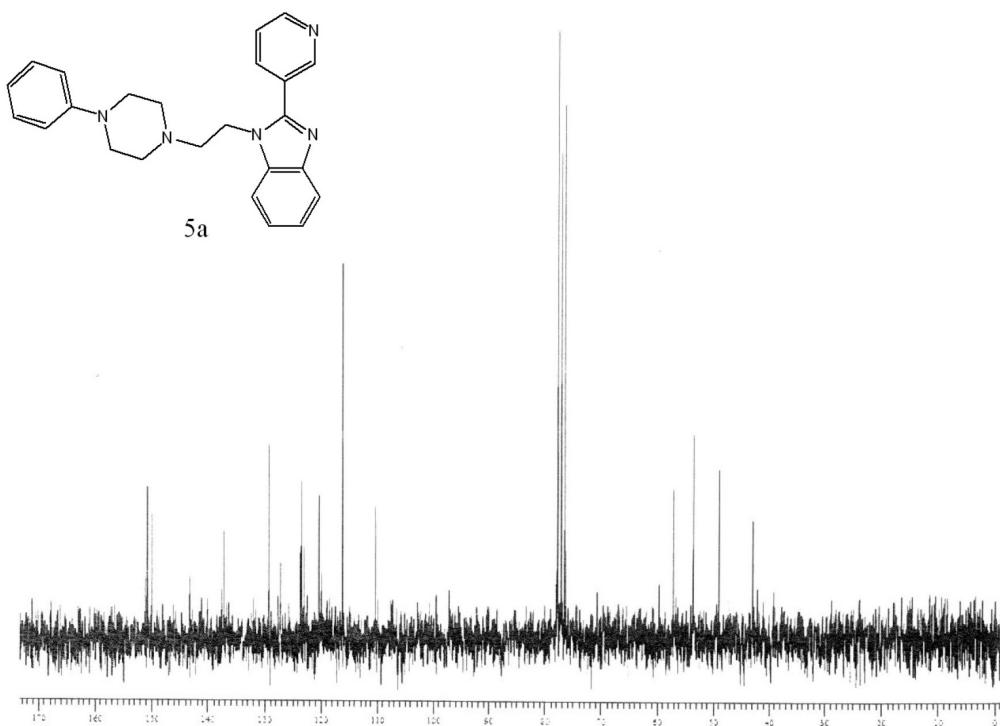
**Figure S8.**  $^1\text{H}$  NMR spectrum of compound **5h** ( $\text{CDCl}_3$ , 200 MHz).



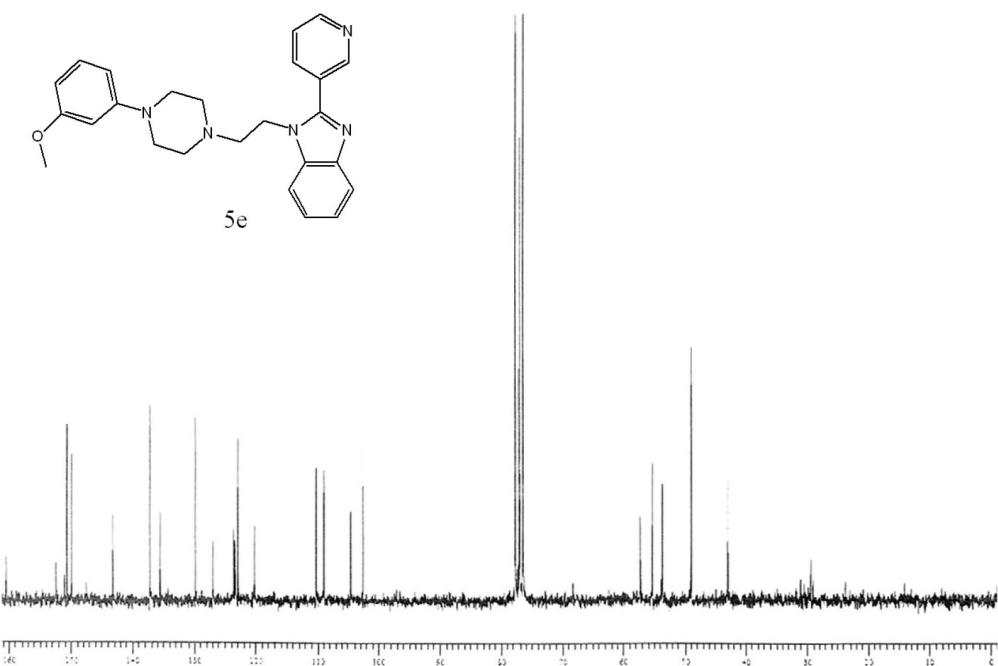
**Figure S9.**  $^1\text{H}$  NMR spectrum of compound **5j** ( $\text{CDCl}_3$ , 200 MHz).



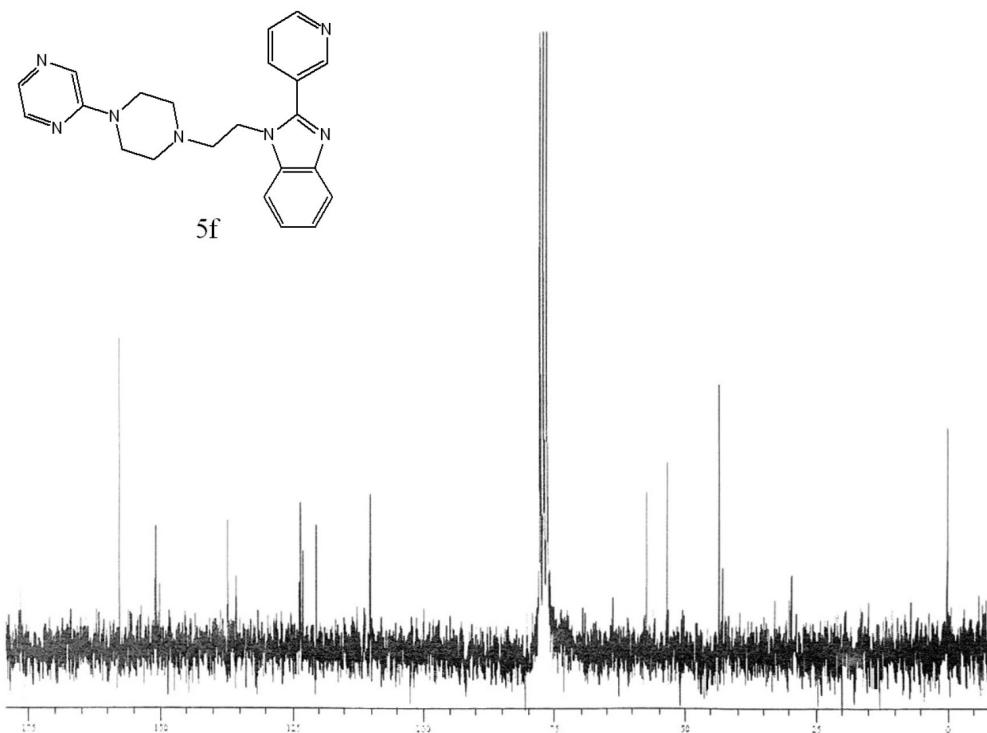
**Figure S10.** <sup>1</sup>H NMR spectrum of compound **5k** ( $\text{CDCl}_3$ , 200 MHz).



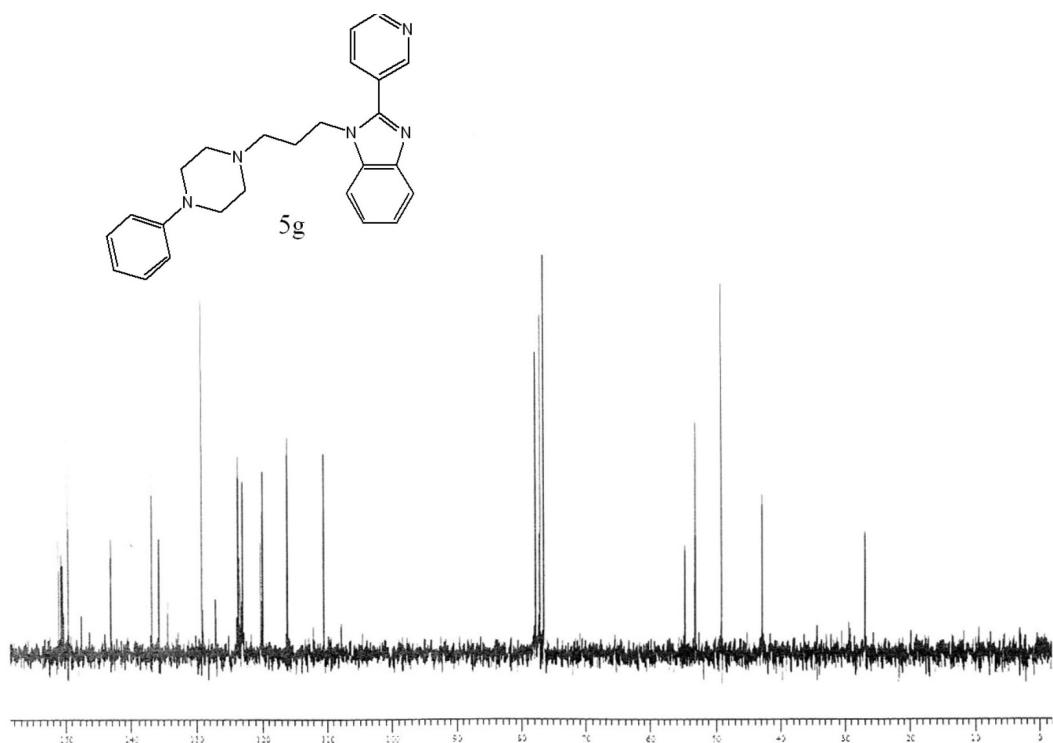
**Figure S11.** <sup>13</sup>C NMR spectrum of compound **5a** ( $\text{CDCl}_3$ , 50 MHz).



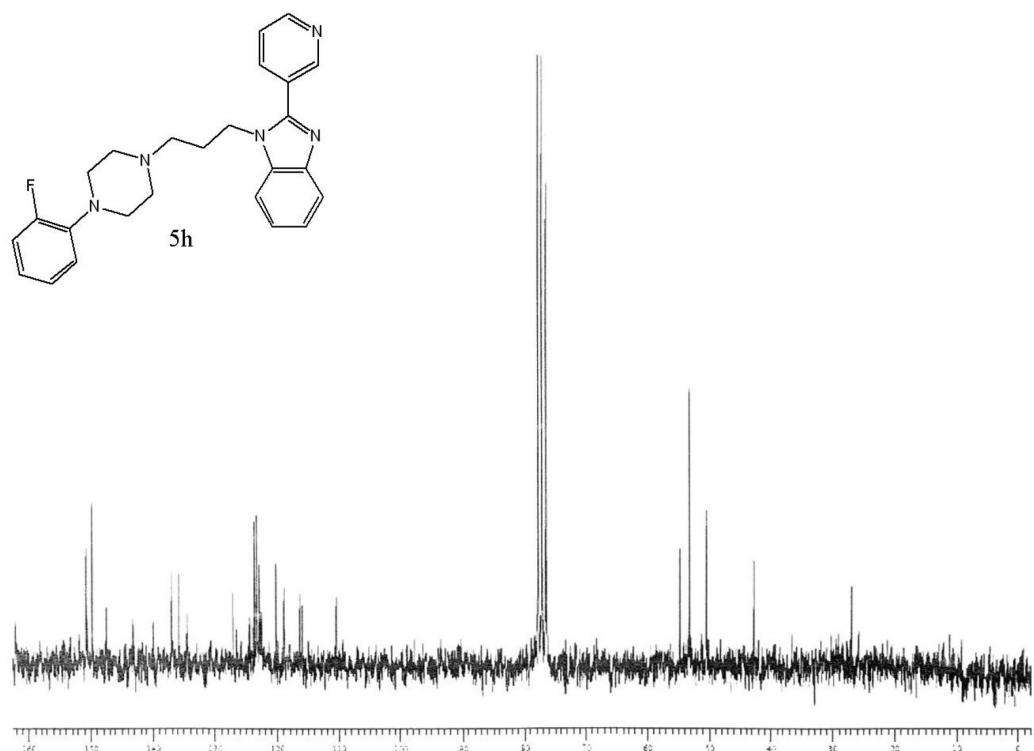
**Figure S12.** <sup>13</sup>C NMR spectrum of compound **5e** ( $\text{CDCl}_3$ , 50 MHz).



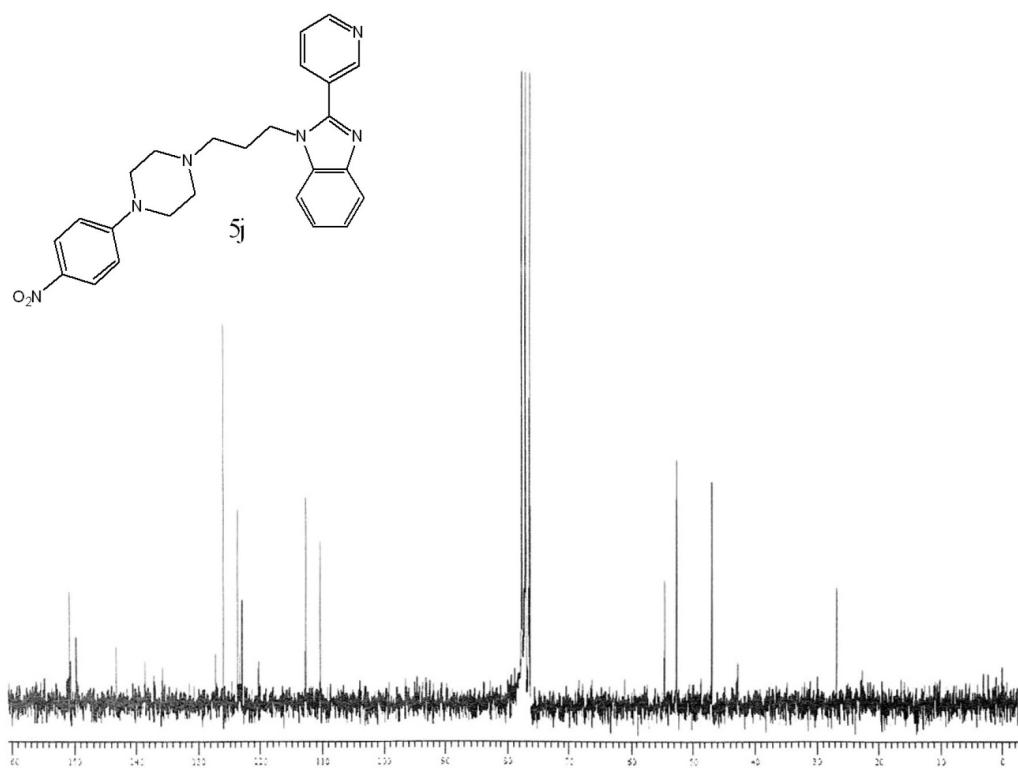
**Figure S13.** <sup>13</sup>C NMR spectrum of compound **5f** ( $\text{CDCl}_3$ , 50 MHz).



**Figure S14.**  $^{13}\text{C}$  NMR spectrum of compound **5g** ( $\text{CDCl}_3$ , 50 MHz).



**Figure S15.**  $^{13}\text{C}$  NMR spectrum of compound **5h** ( $\text{CDCl}_3$ , 50 MHz).



**Figure S16.** <sup>13</sup>C NMR spectrum of compound **5j** (CDCl<sub>3</sub>, 50 MHz).