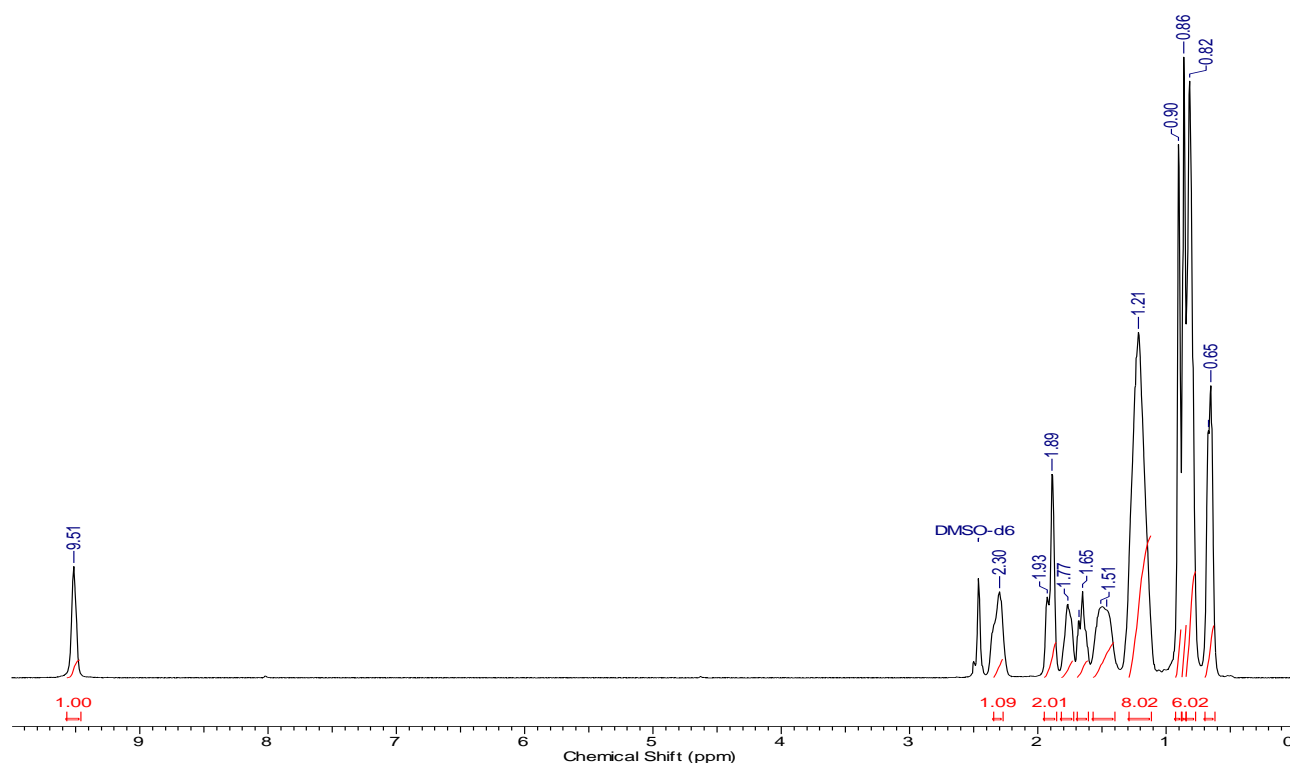
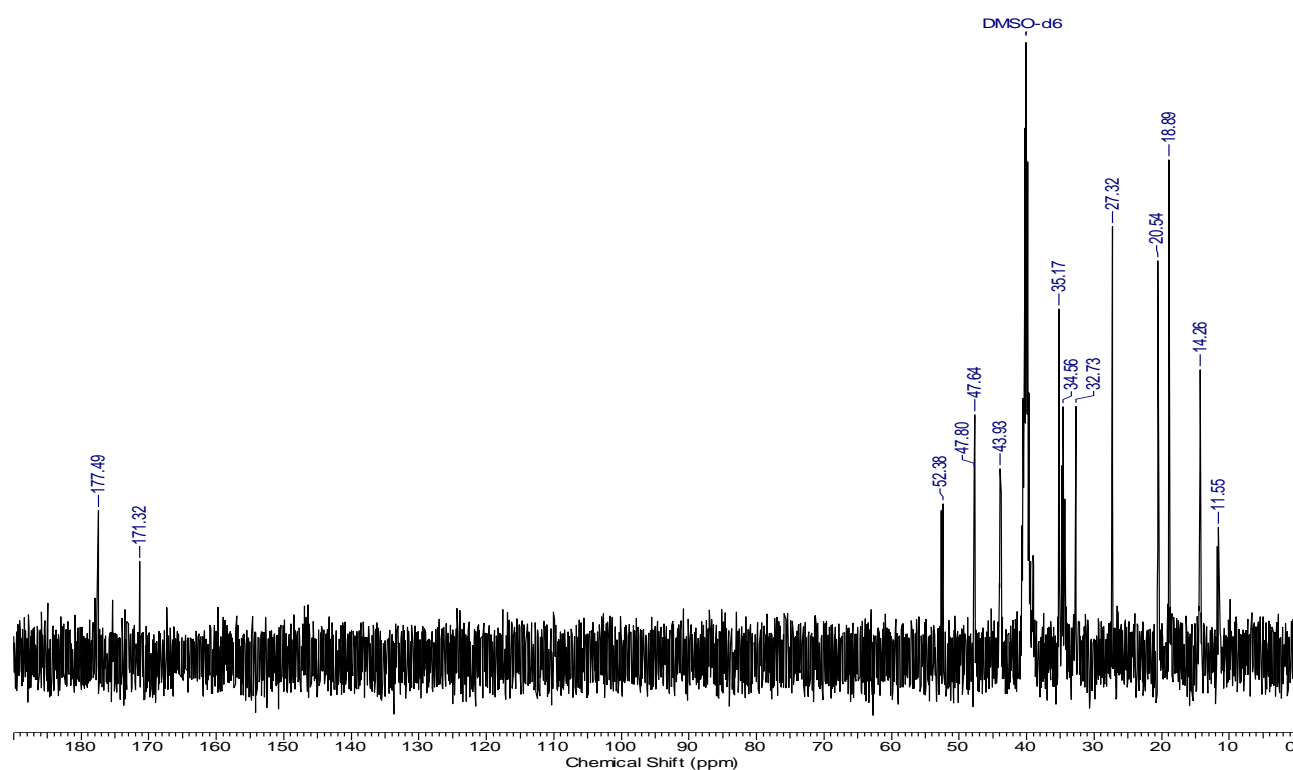


## Supplementary Material: 2-Propyl-*N'*-[1,7,7-trimethylbicyclo[2.2.1]hept-2-ylidene]pentanehydrazide: Synthesis and Anticonvulsant Activity

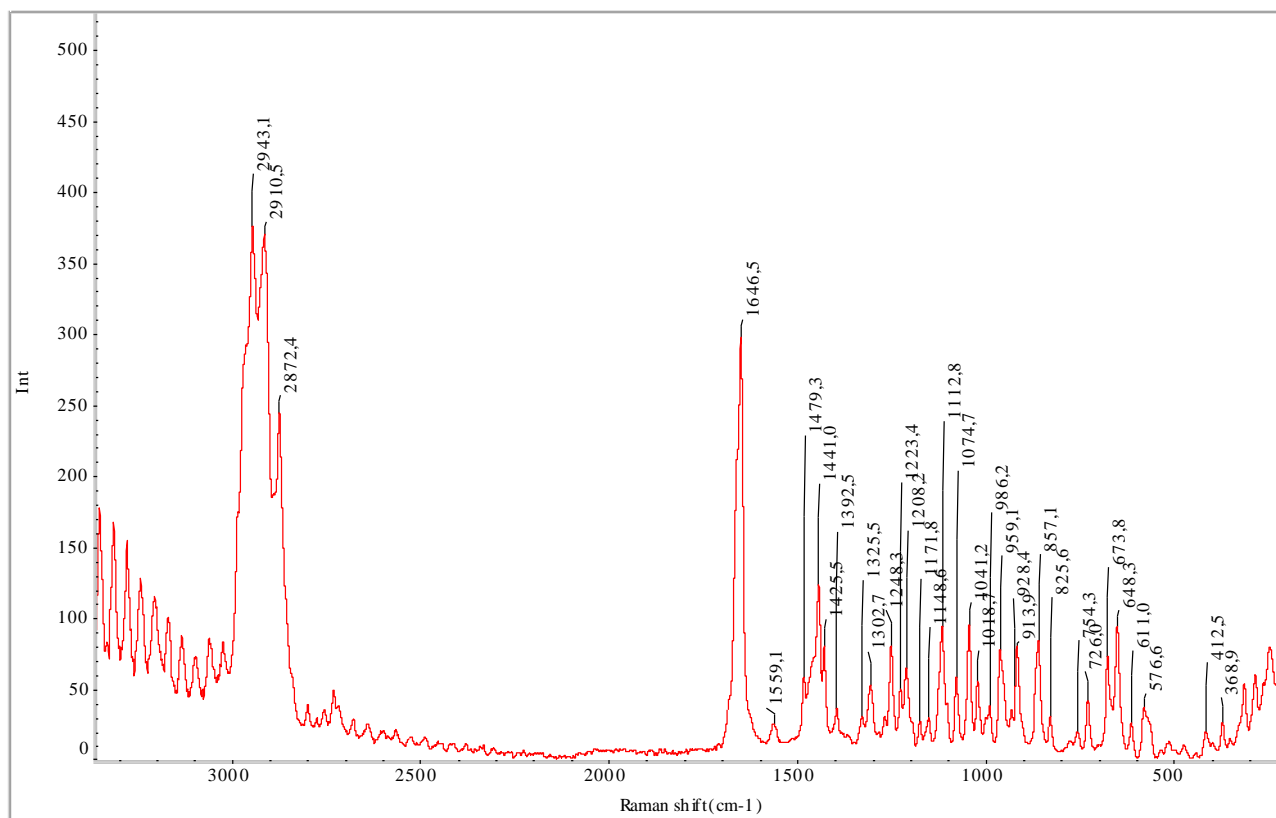
Mariia Nesterkina, Dmytro Barbalat, Ildar Rakipov, and Iryna Kravchenko



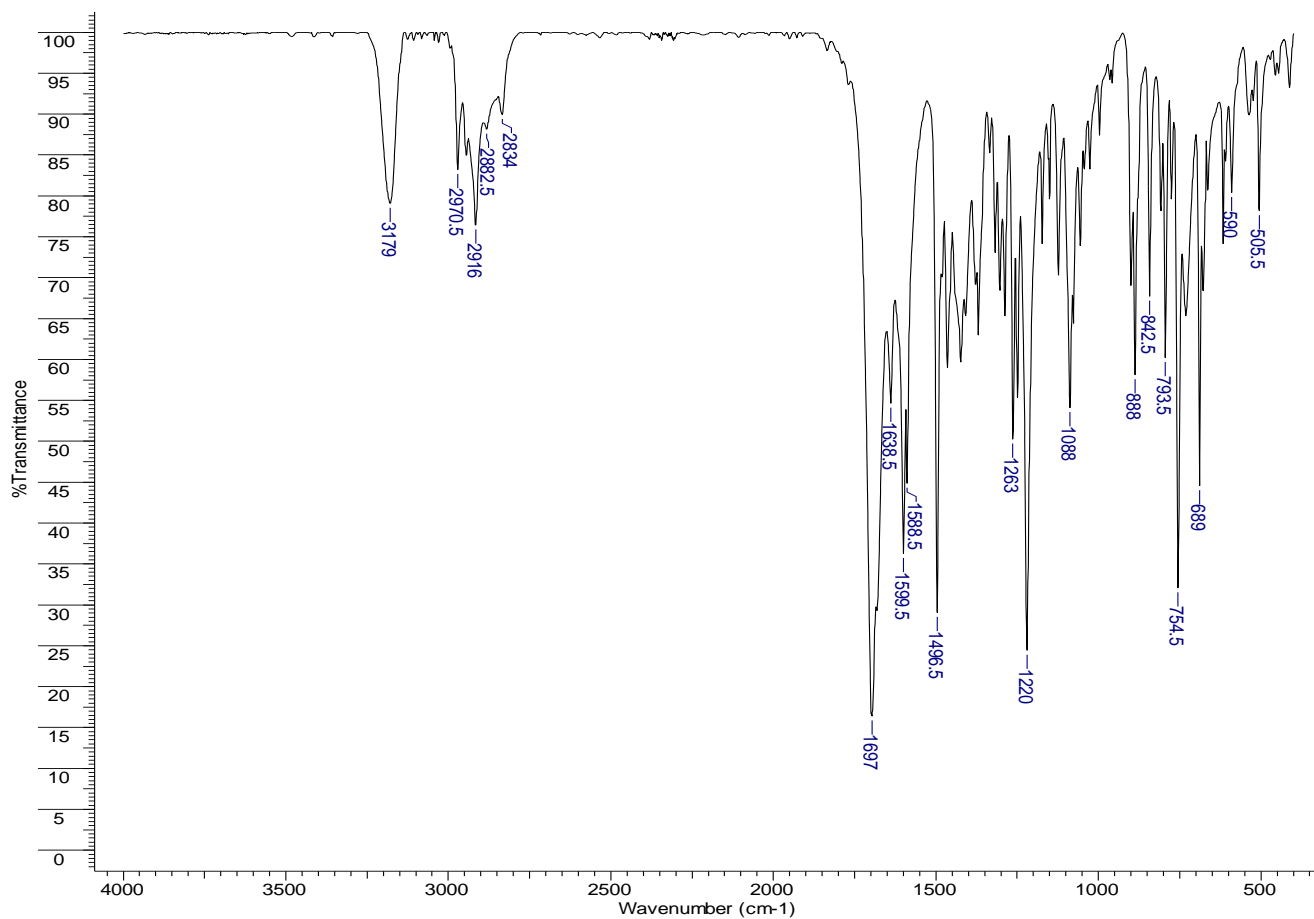
**Figure S1.** <sup>1</sup>H NMR spectrum of 2-propyl-*N'*-[1,7,7-trimethylbicyclo[2.2.1]hept-2-ylidene]pentanehydrazide (3).



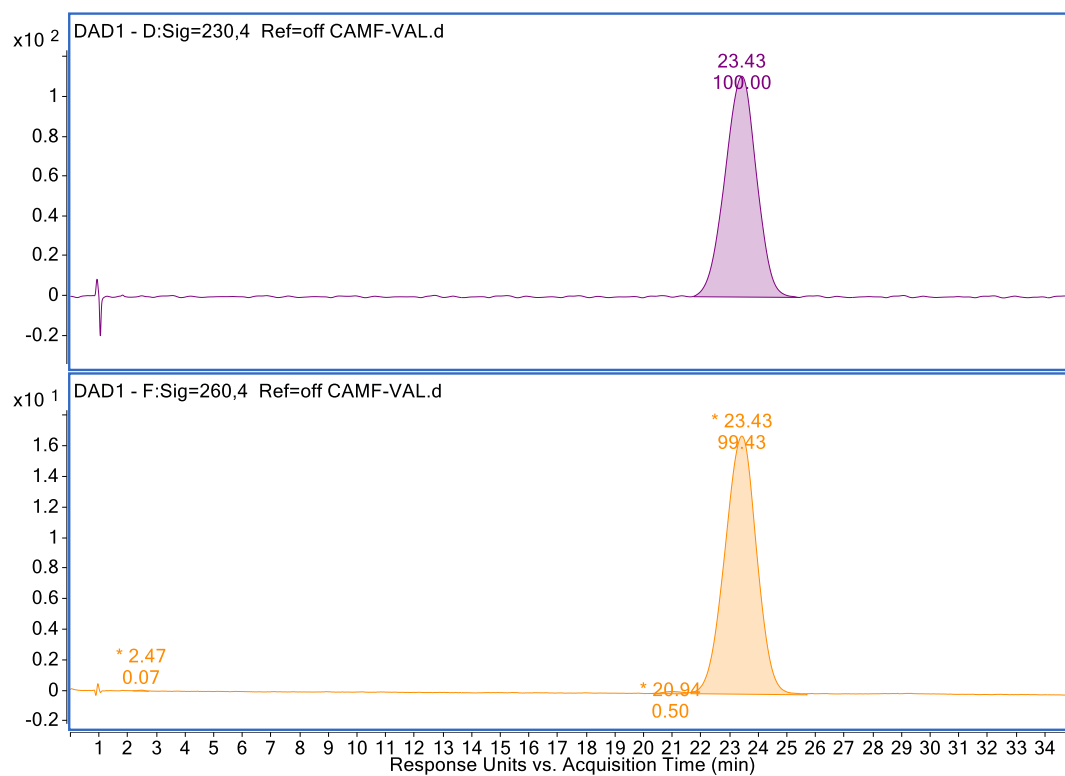
**Figure S2.** <sup>13</sup>C NMR spectrum of 2-propyl-*N'*-[1,7,7-trimethylbicyclo[2.2.1]hept-2-ylidene]pentanehydrazide (3).



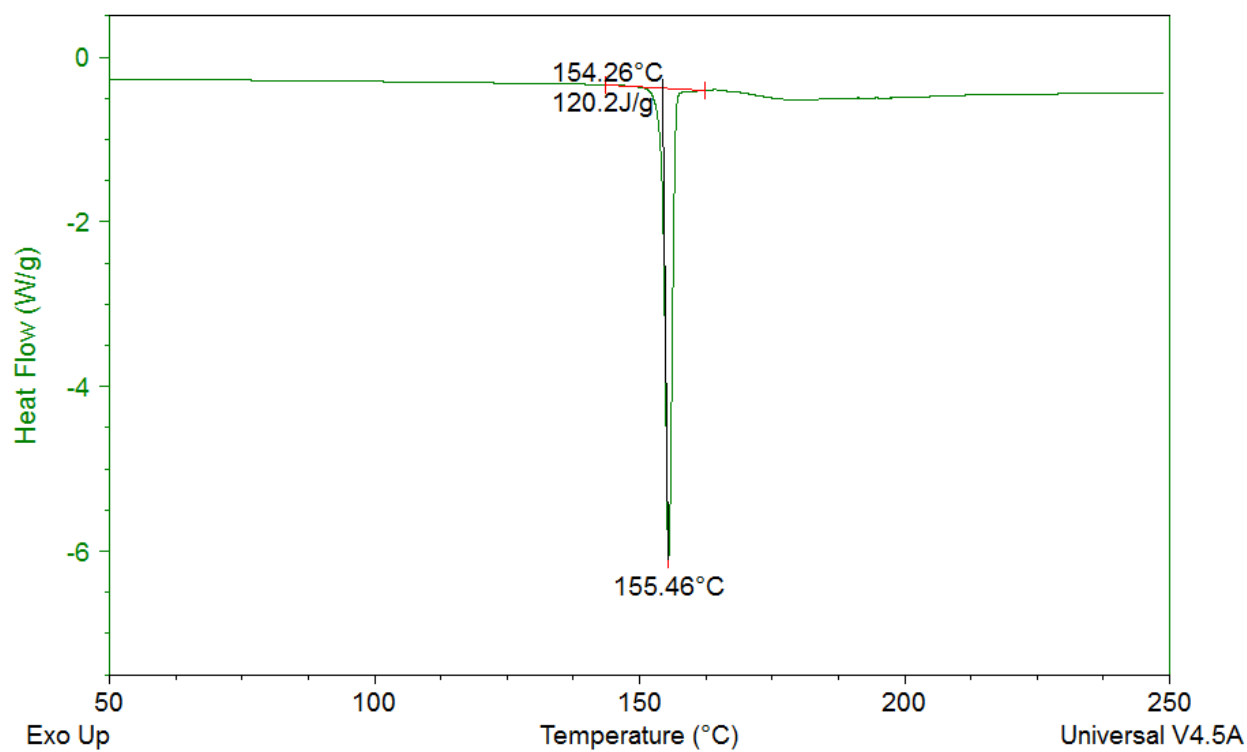
**Figure S3.** Raman spectrum of 2-propyl-*N'*-[1,7,7-trimethylbicyclo[2.2.1]hept-2-ylidene]pentanehydrazide (3).



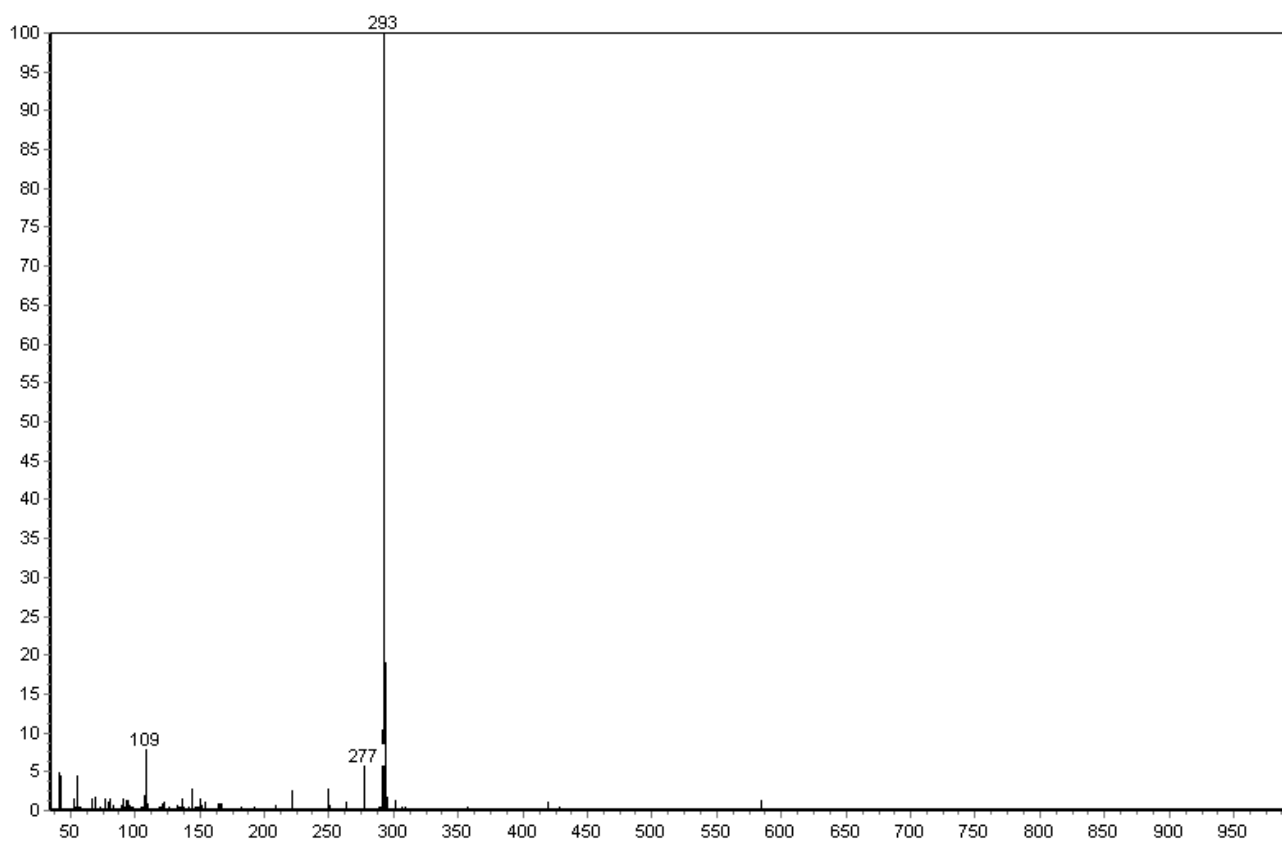
**Figure S4.** FT-IR spectrum of 2-propyl-*N'*-[1,7,7-trimethylbicyclo[2.2.1]hept-2-ylidene]pentanehydrazide (3).



**Figure S5.** HPLC chromatogram of 2-propyl-*N'*-[1,7,7-trimethylbicyclo[2.2.1]hept-2-ylidene]pentanehydrazide (**3**) with UV detection at 230 and 260 nm.



**Figure S6.** DSC thermogram of 2-propyl-*N'*-[1,7,7-trimethylbicyclo[2.2.1]hept-2-ylidene]pentanehydrazide (**3**).



**Figure S7.** FAB mass spectra of 2-propyl-*N'*-[1,7,7-trimethylbicyclo[2.2.1]hept-2-ylidene]pentanehydrazide (**3**).