



Novel 2-(Adamantan-1-ylamino)Thiazol-4(5H)-One Derivatives and Their Inhibitory Activity towards 11 β -HSD1 – synthesis, Molecular Docking and In Vitro Studies

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Supplementary information

¹H NMR spectra of compounds 3a–j.

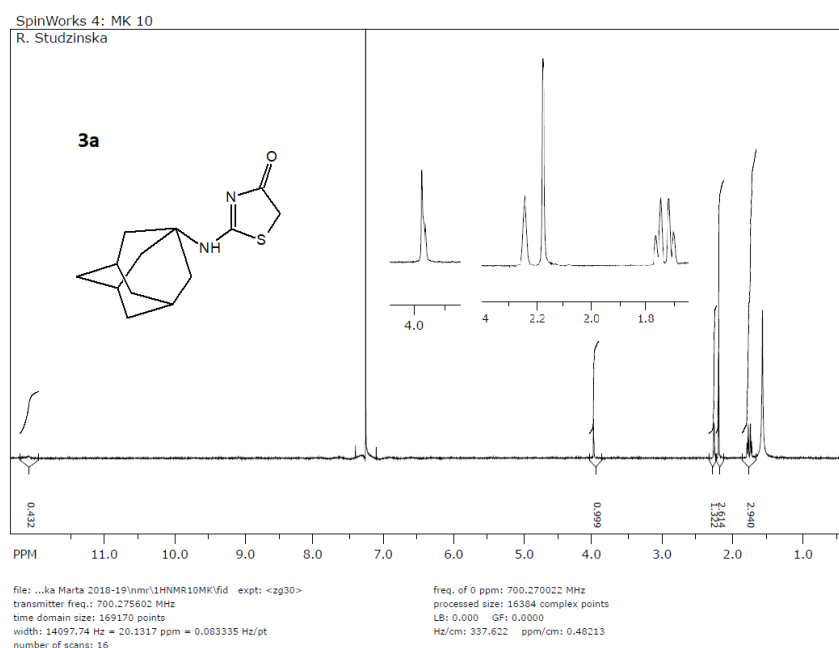
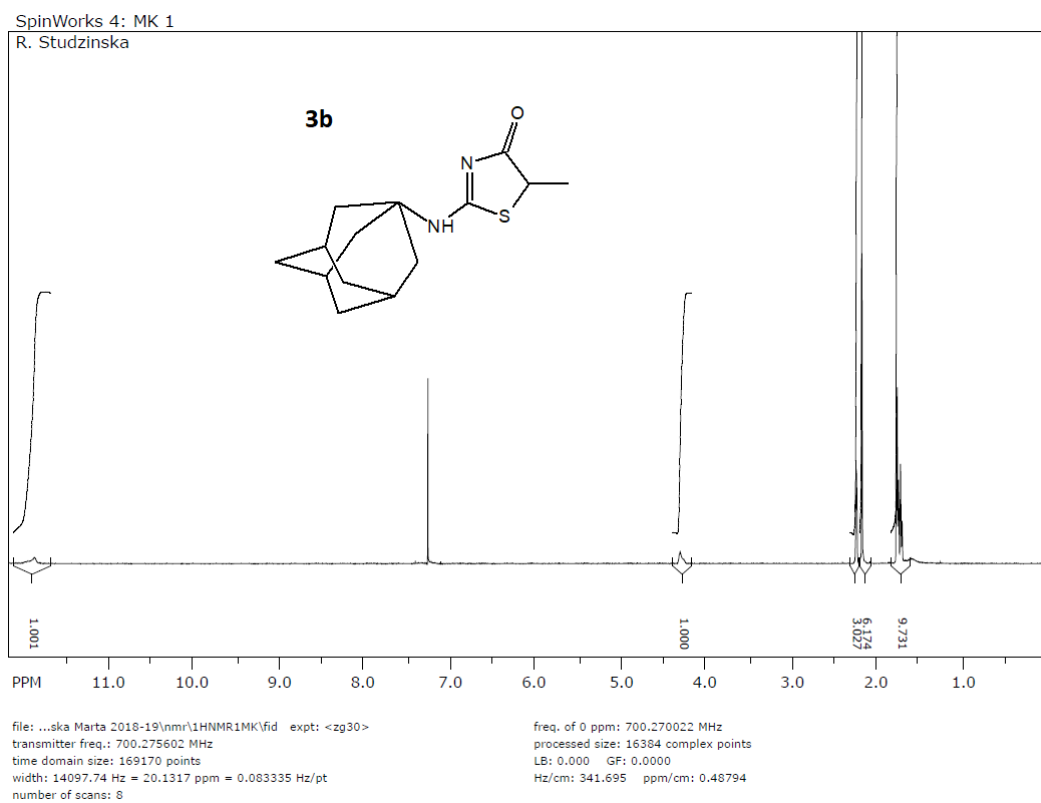
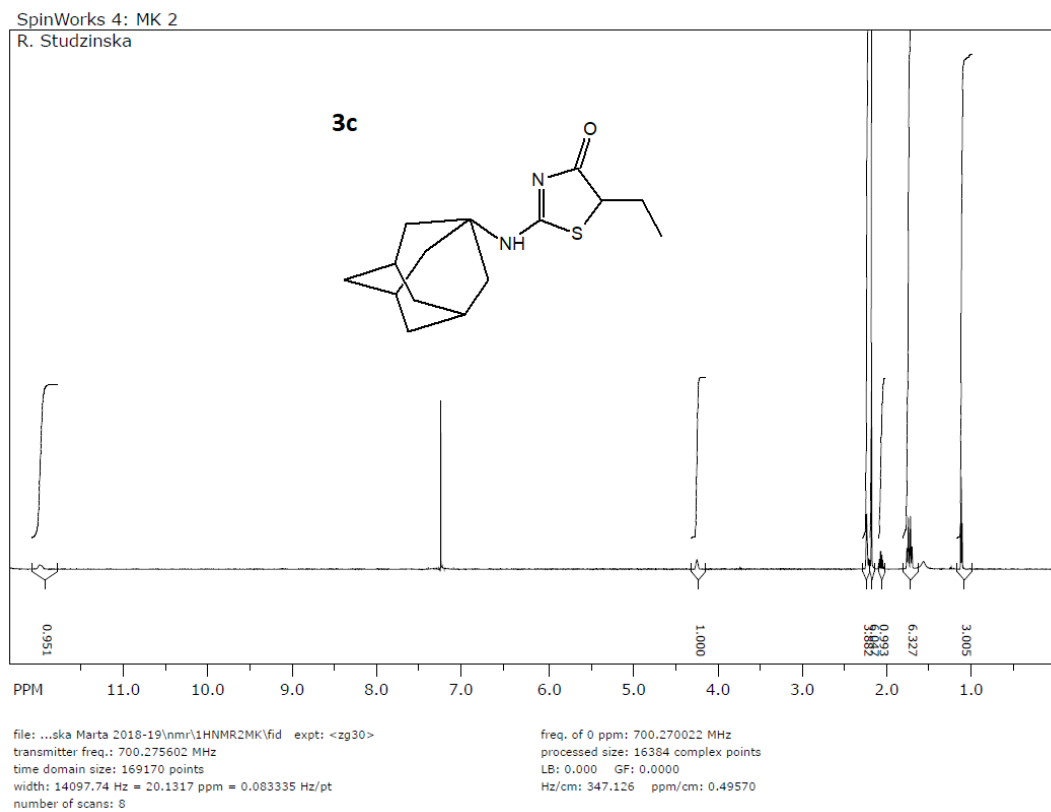
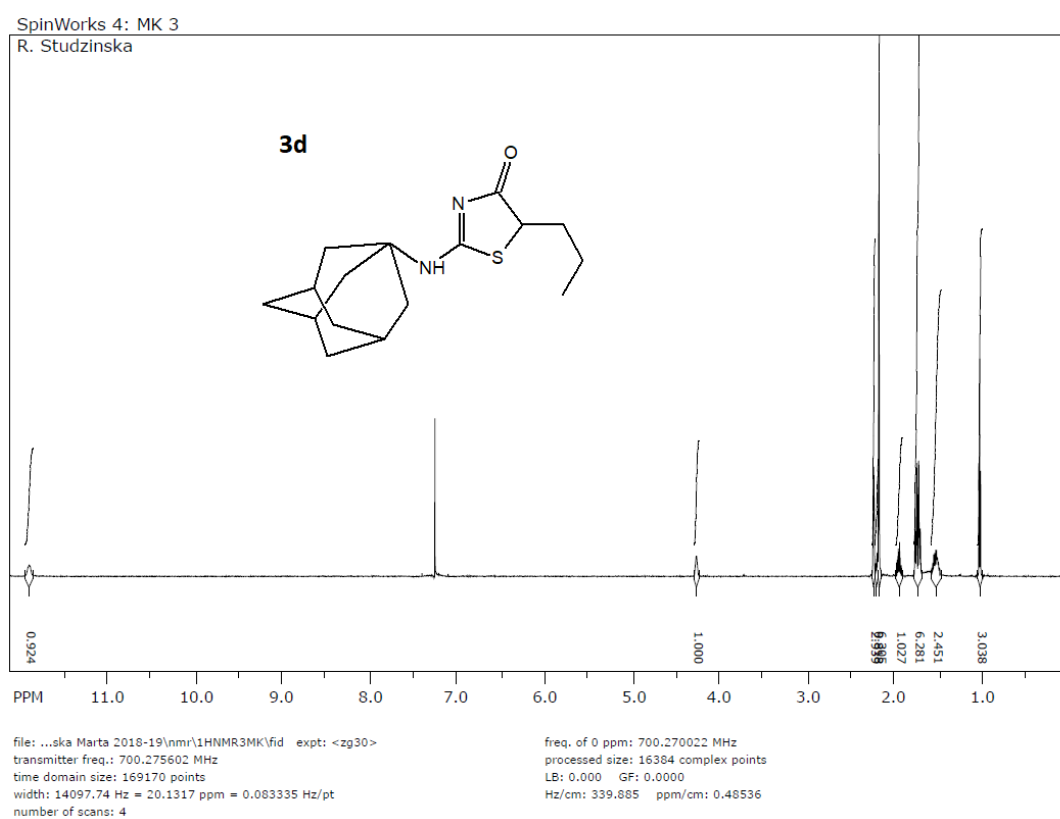
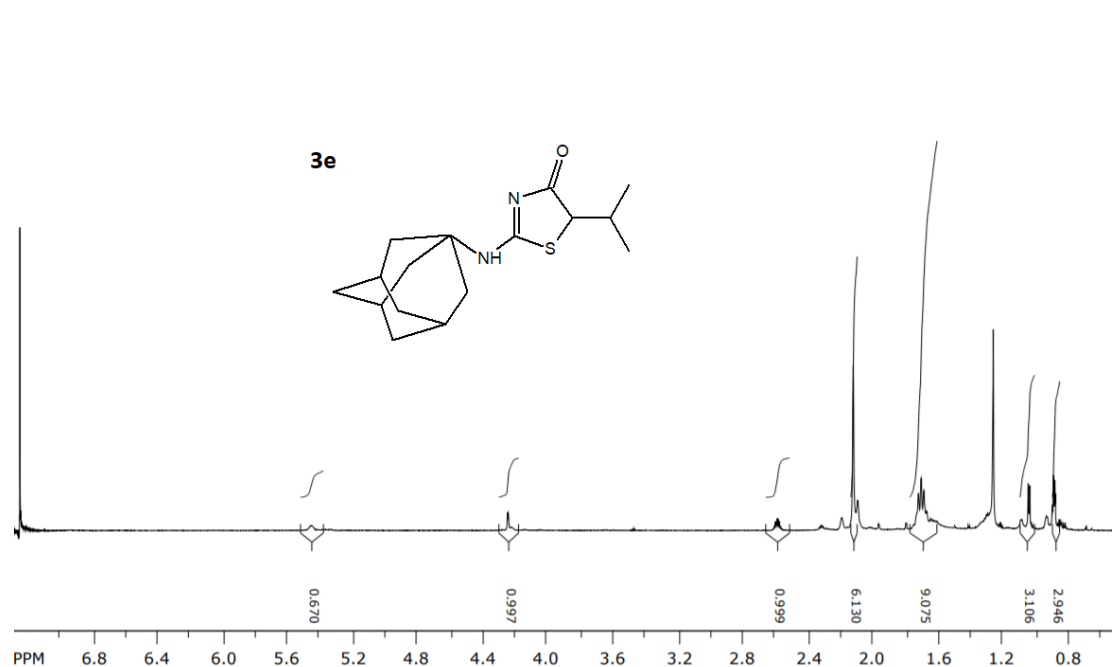
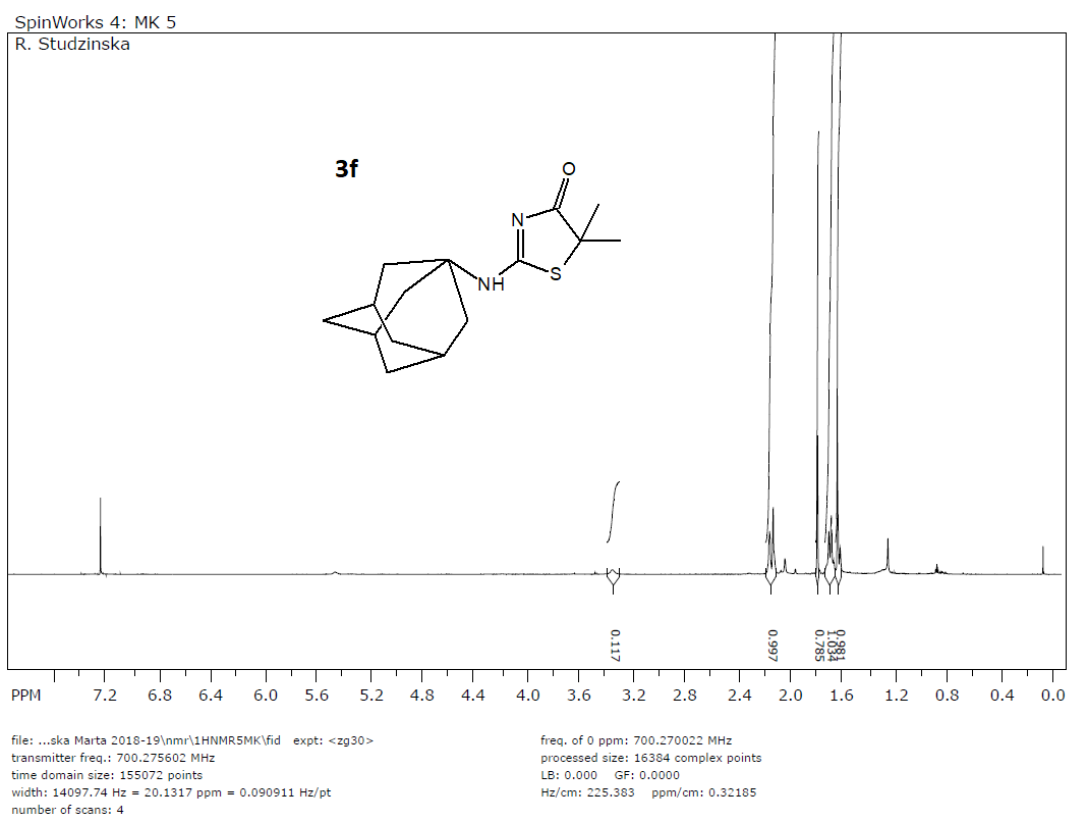
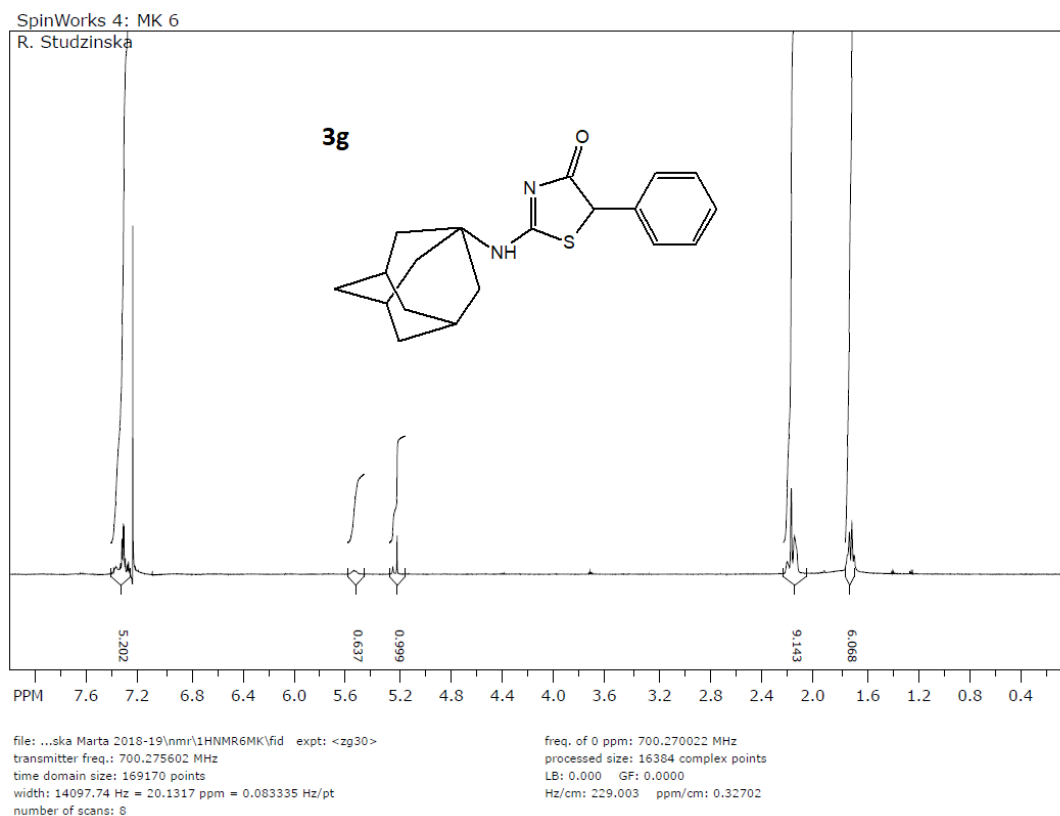
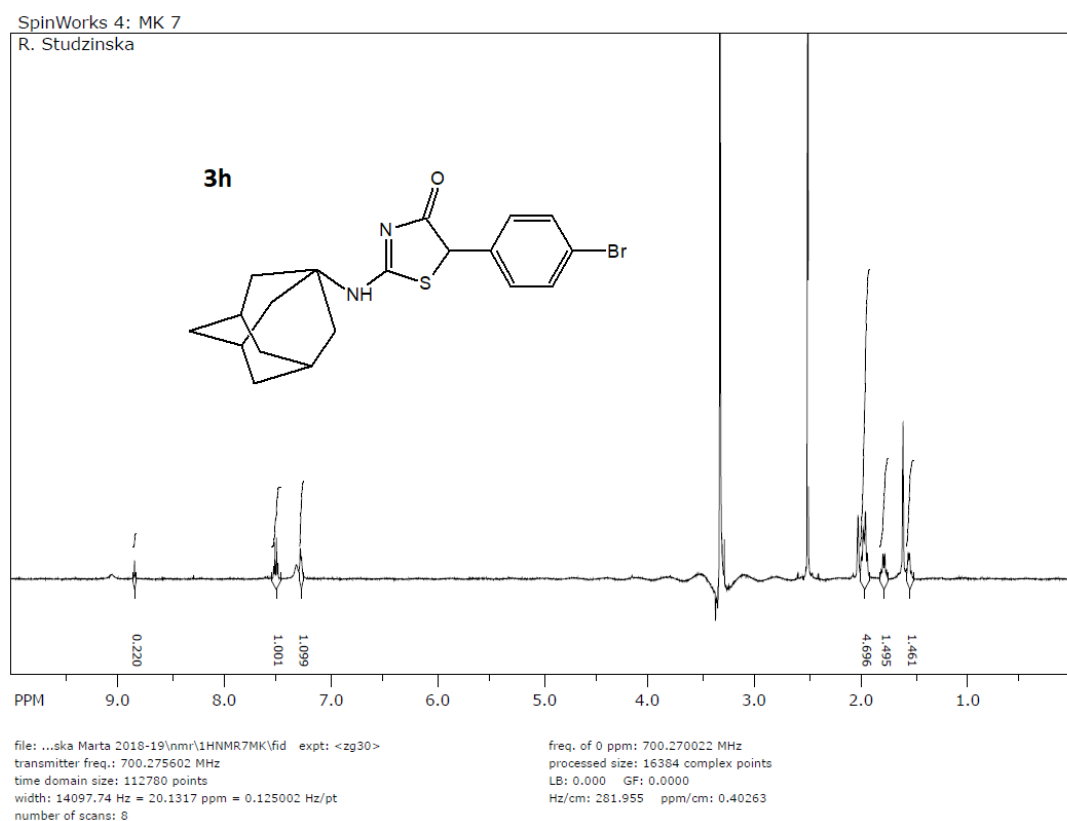
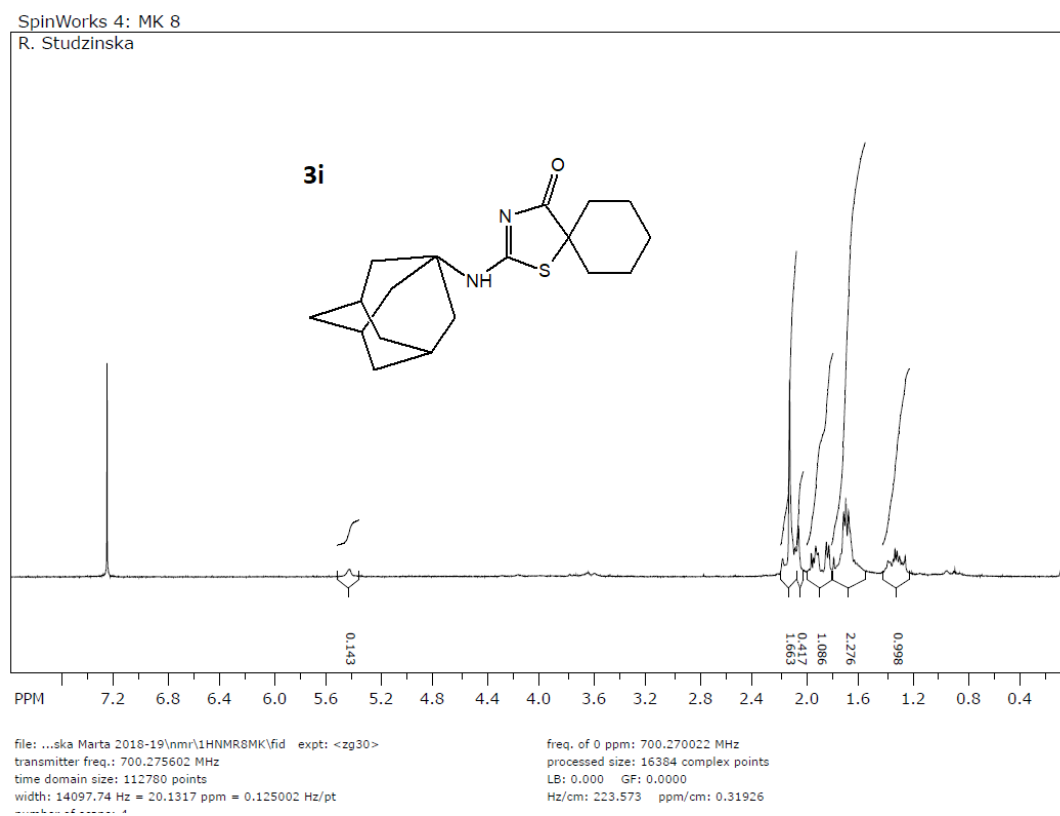


Figure S1A ¹H NMR spectra of compound 3a.

Figure S1B ^1H NMR spectra of compound **3b**.Figure S1C. ^1H NMR spectra of compound **3c**.

Figure S1D. ¹H NMR spectra of compound 3d.Figure S1E. ¹H NMR spectra of compounds 3e.

Figure S1F. ¹H NMR spectra of compound **3f**.Figure S1G. ¹H NMR spectra of compound **3g**.

Figure S1H. ¹H NMR spectra of compound **3h**.Figure S1I. ¹H NMR spectra of compound **3i**.

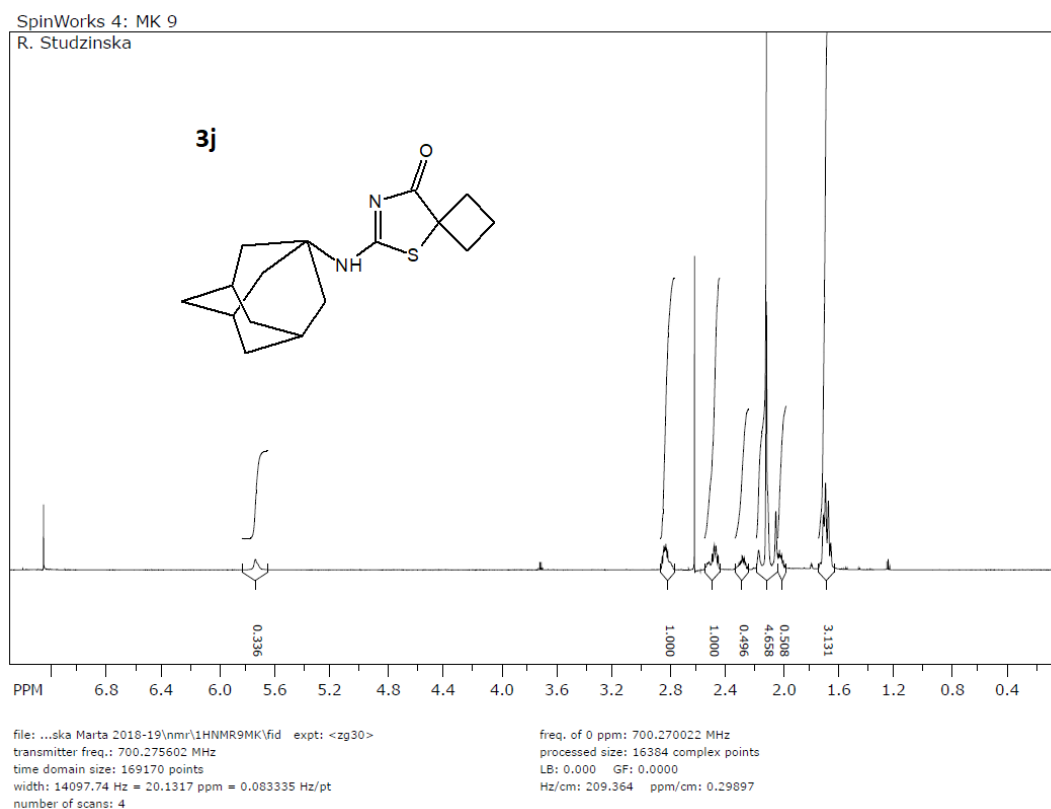
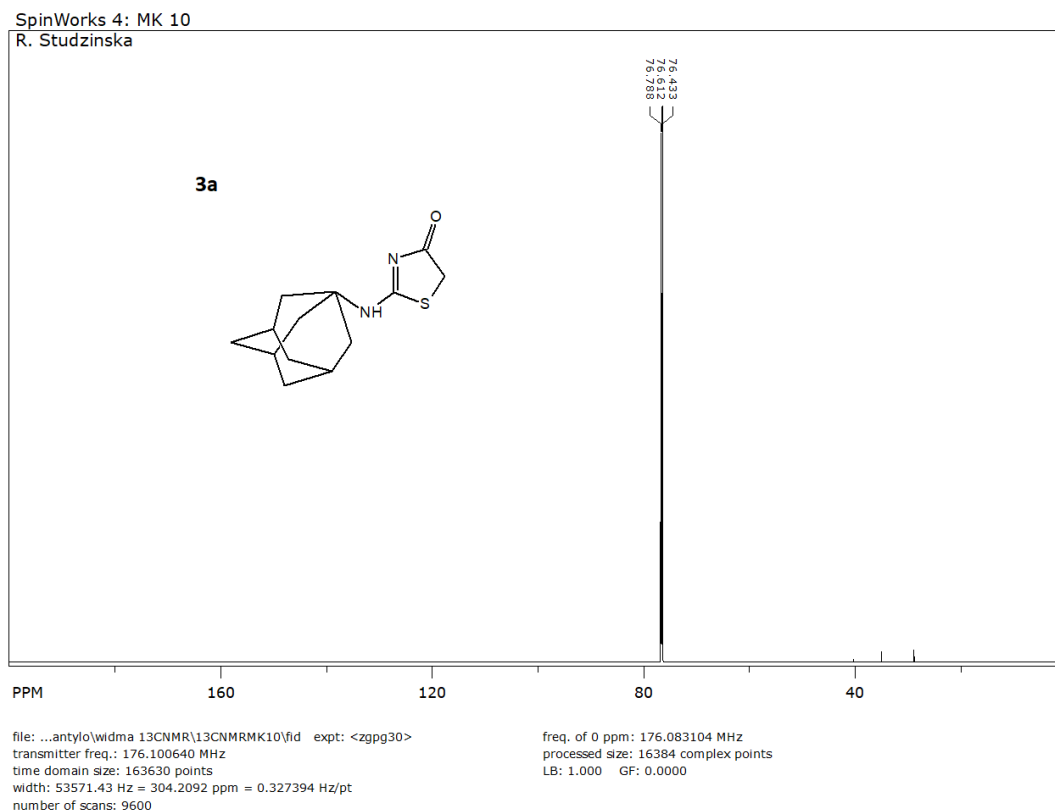
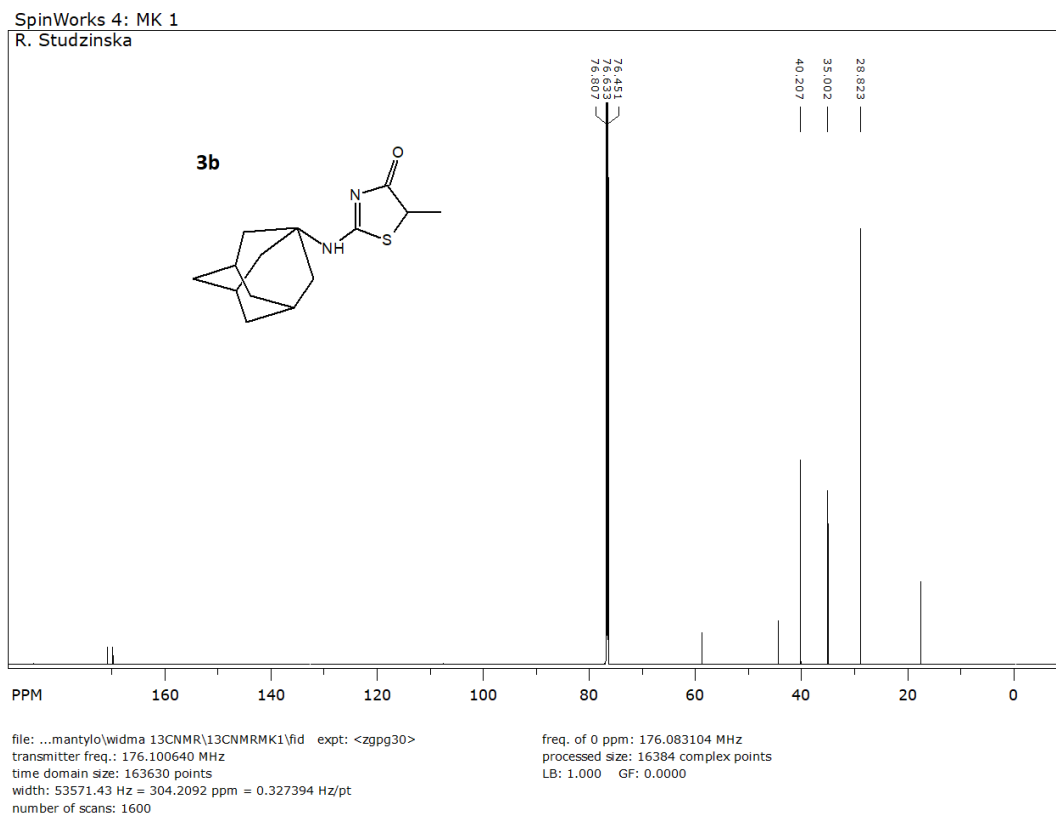
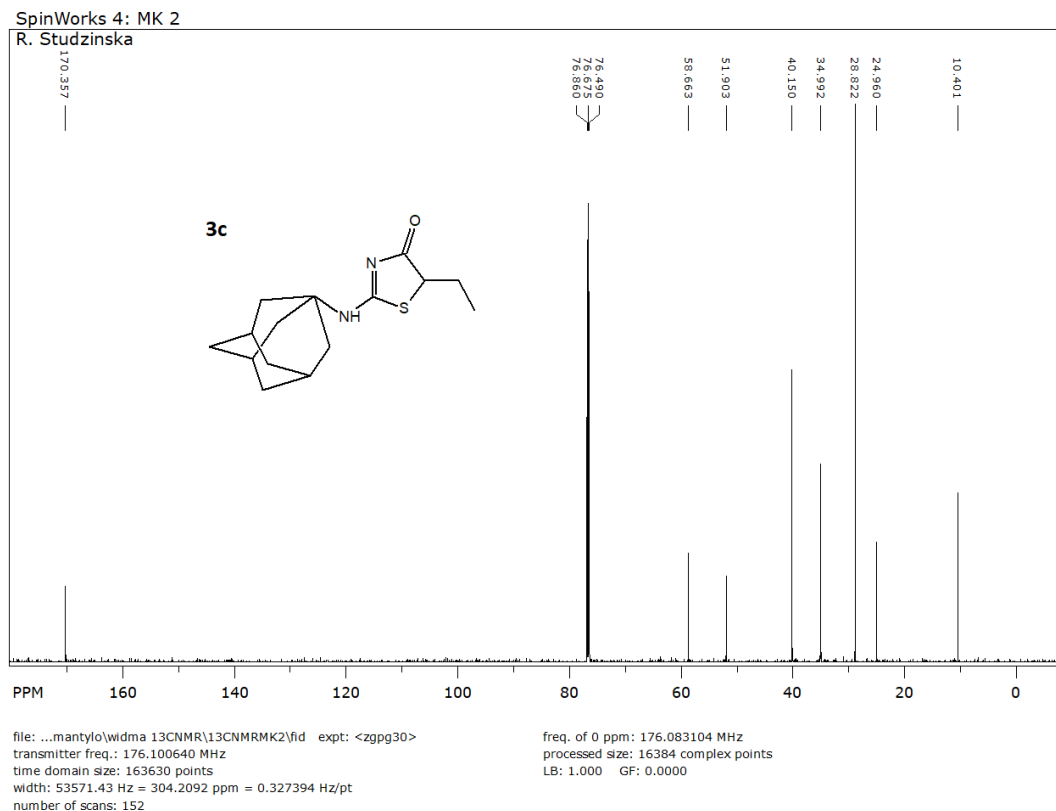
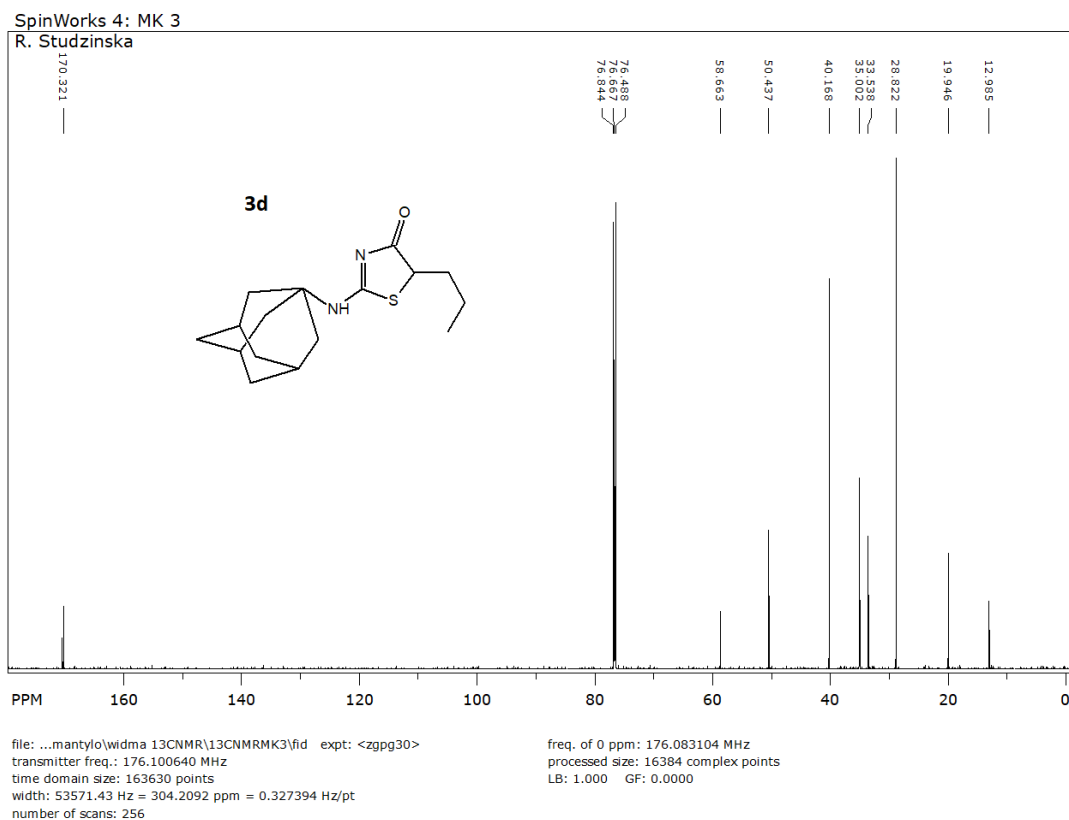
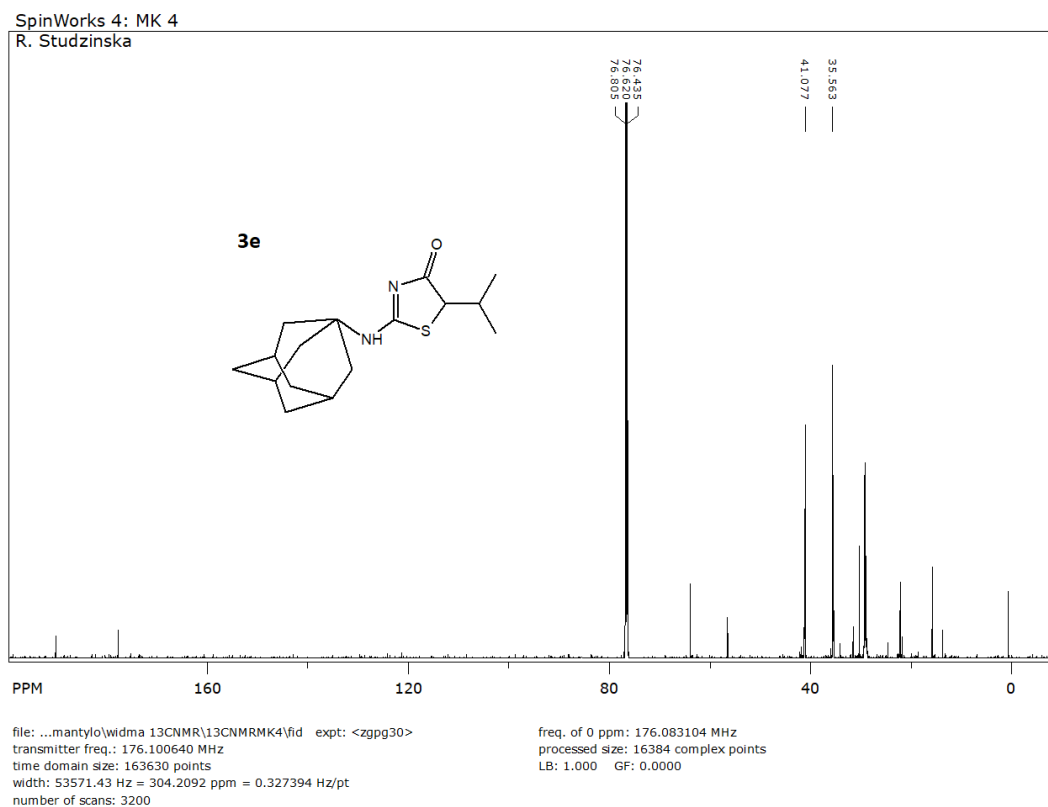
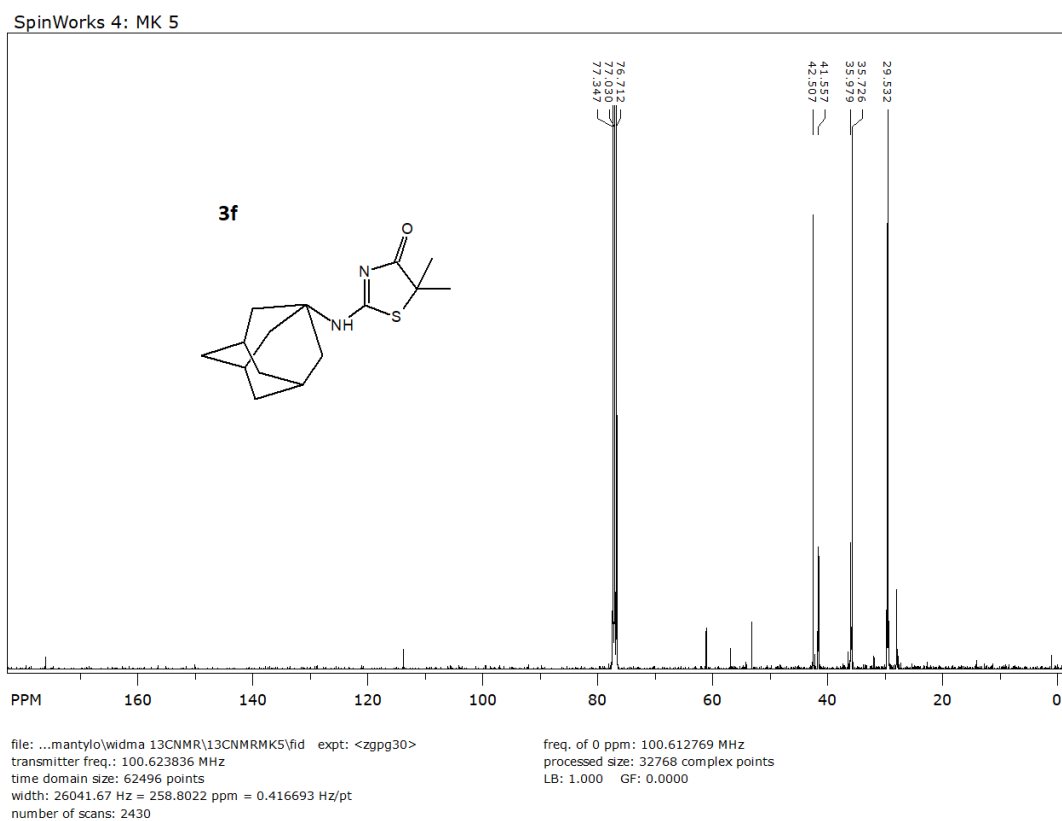
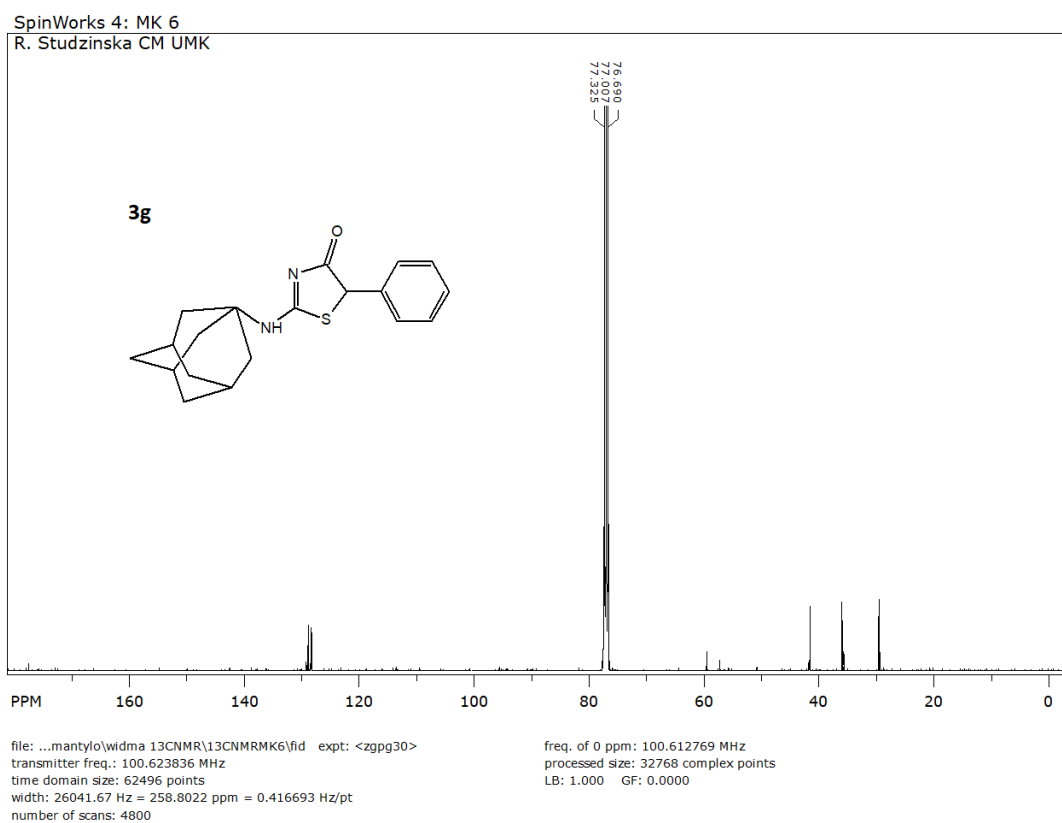
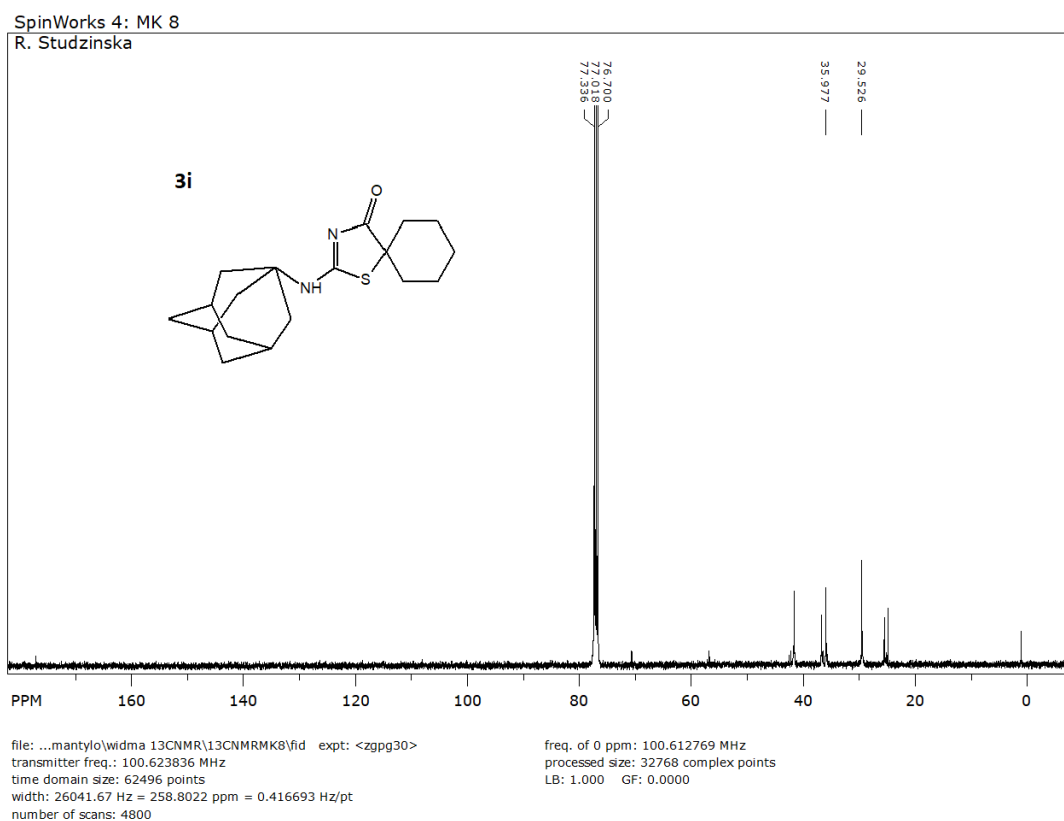
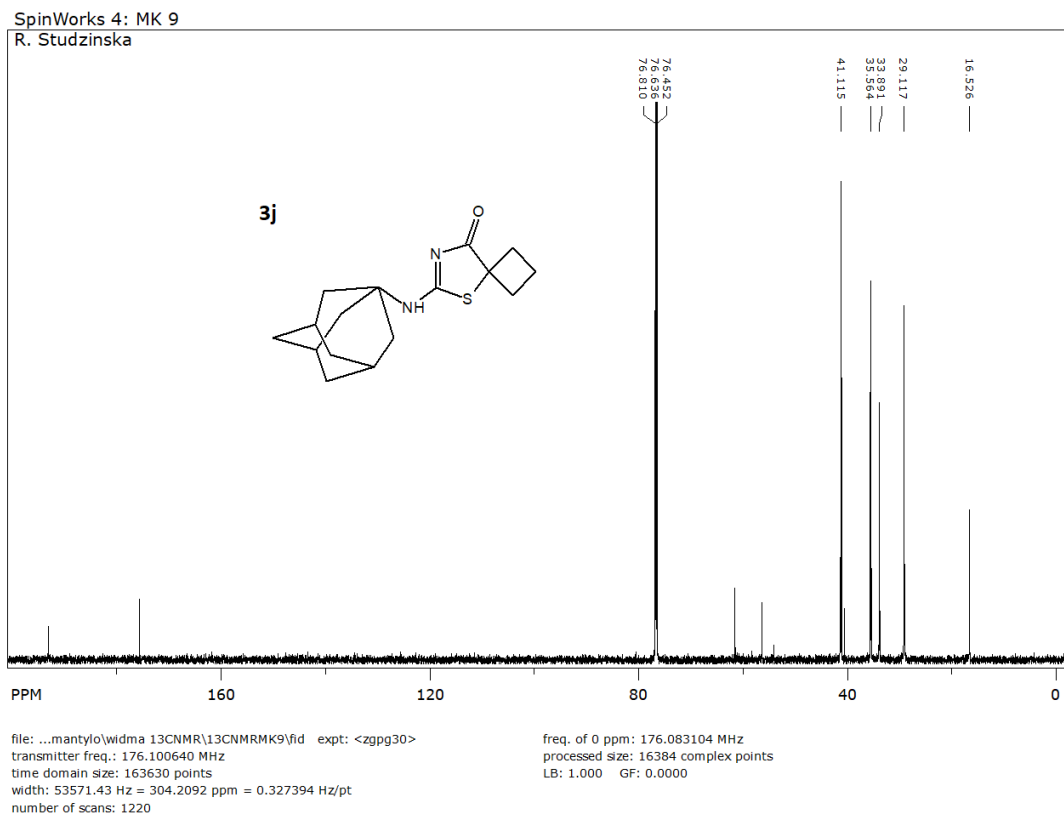
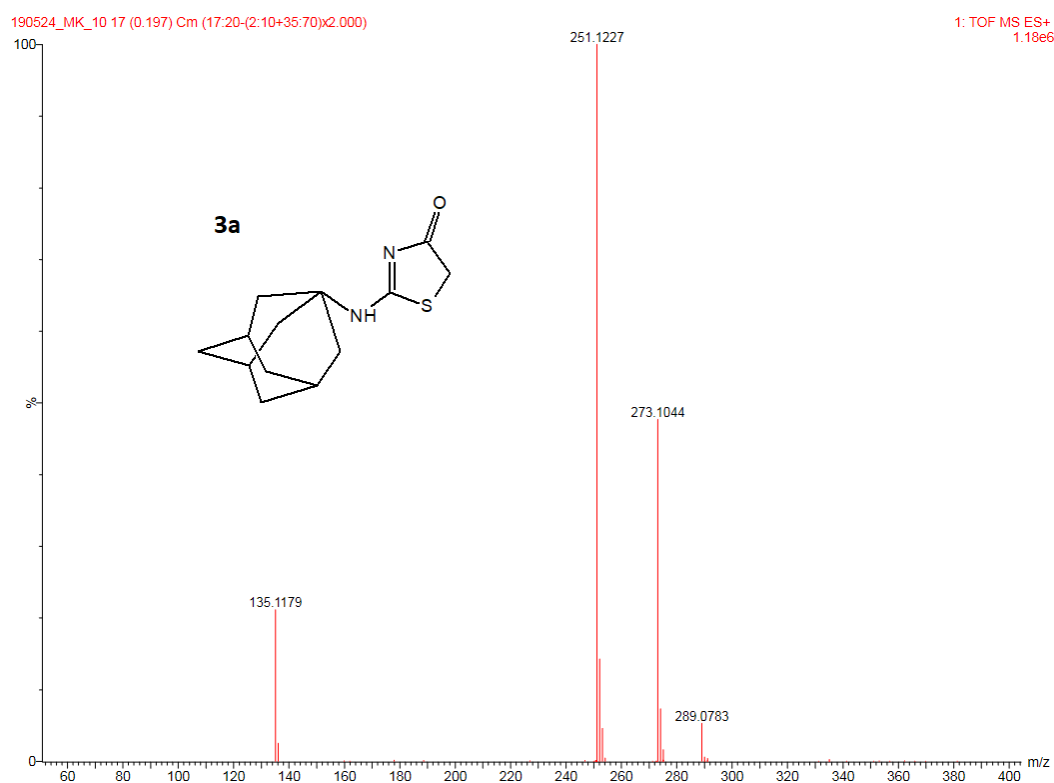
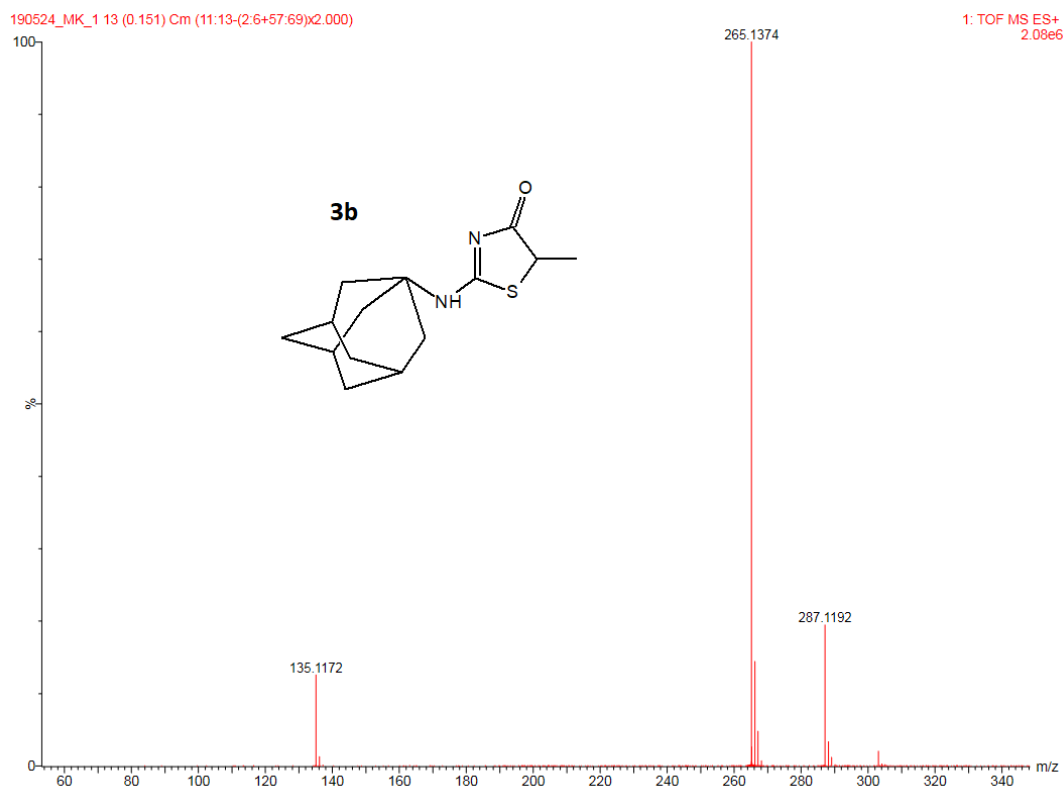
Figure S1J. ¹H NMR spectra of compound **3j**.¹³C NMR spectra of compounds **3a–j**

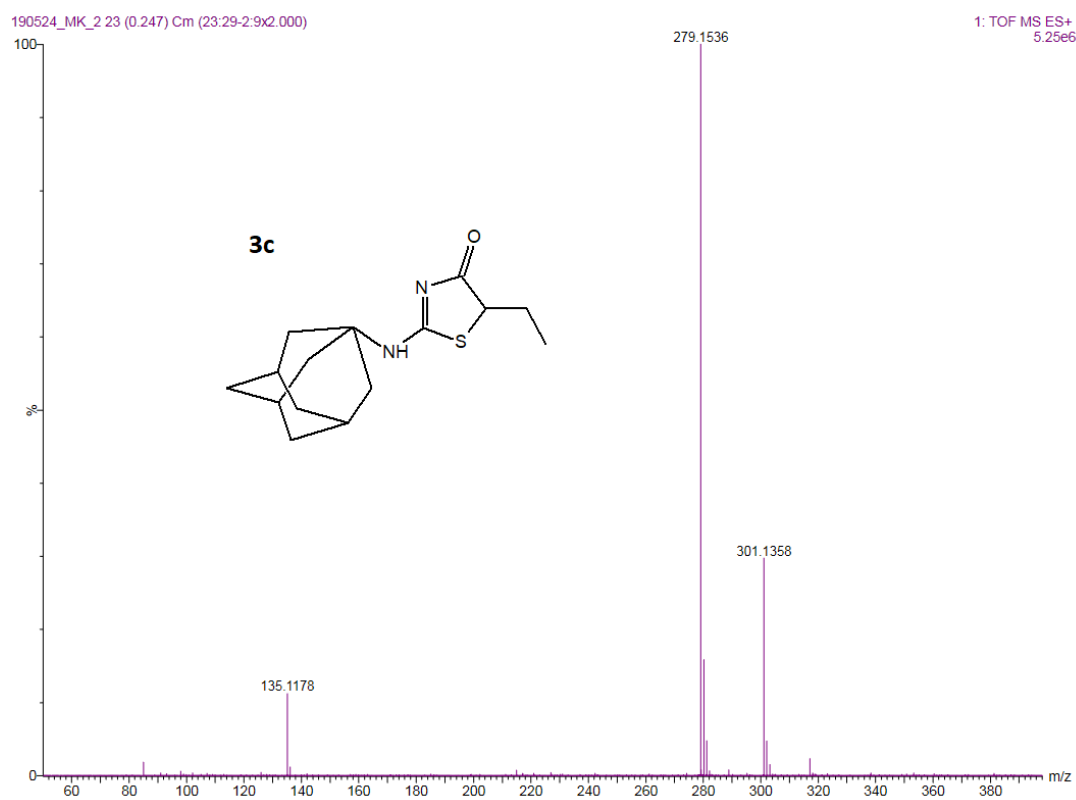
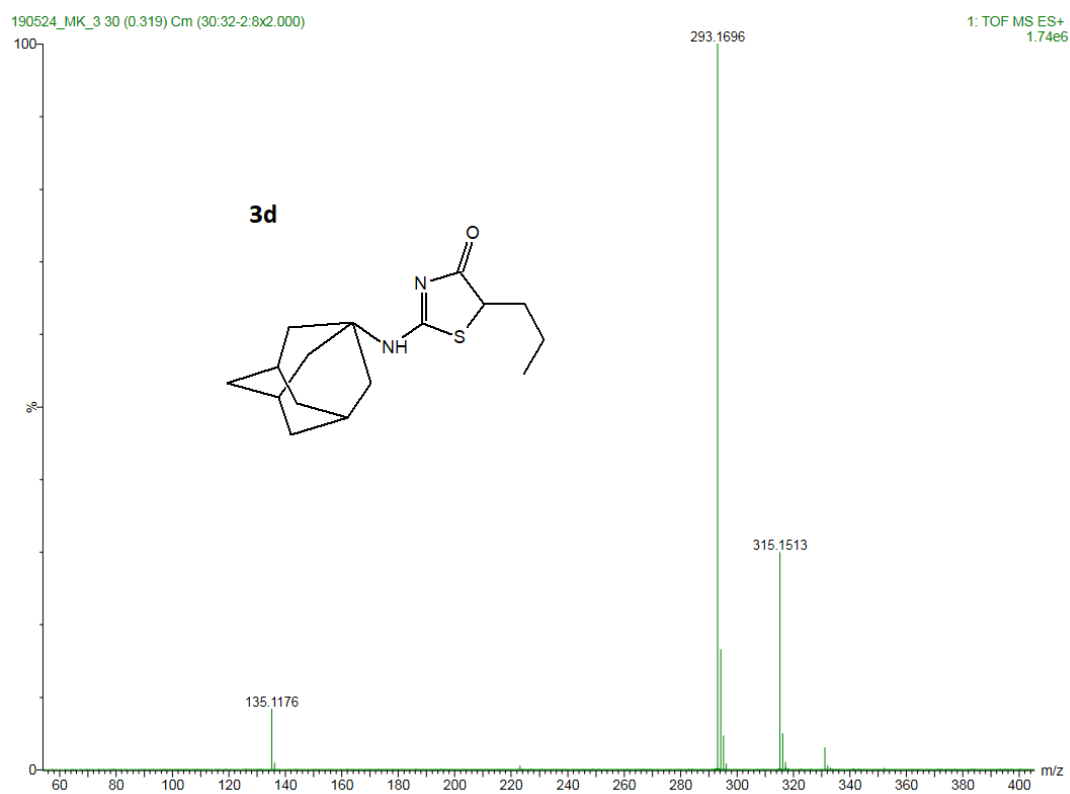
Figure S2A. ^{13}C NMR spectra of compound 3a.Figure S2B. ^{13}C NMR spectra of compound 3b.Figure S2C. ^{13}C NMR spectra of compound 3c.

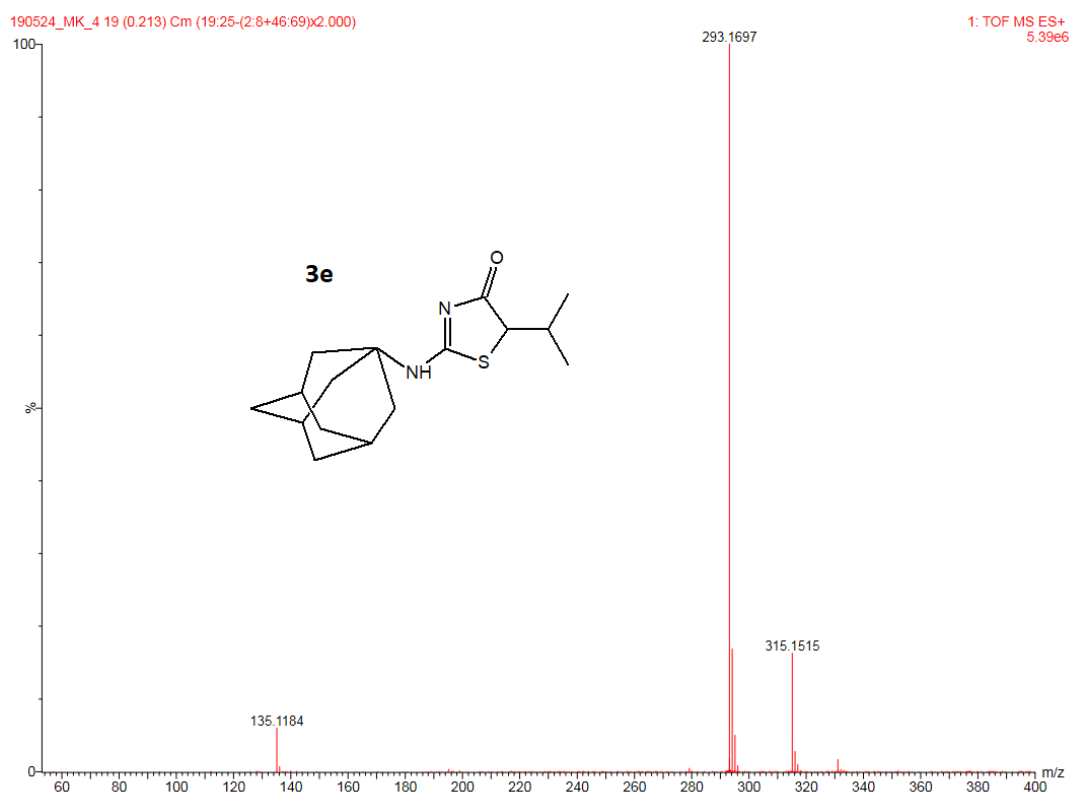
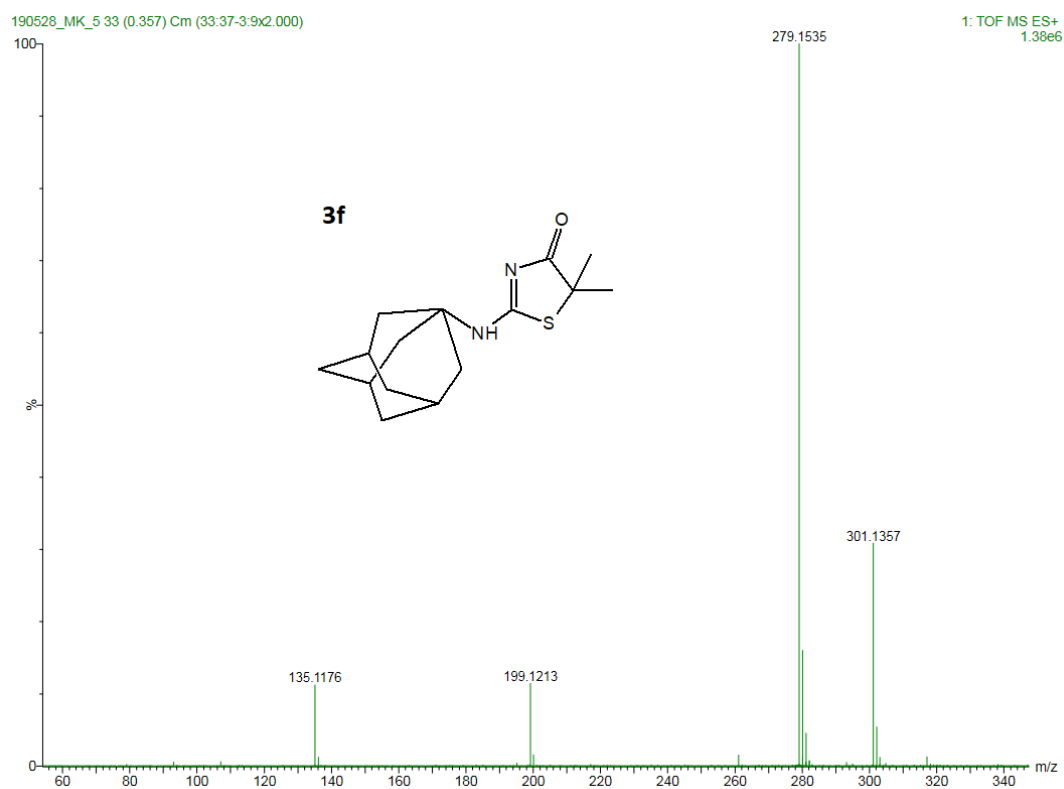
Figure S2D. ¹³C NMR spectra of compound **3d**.Figure S2E. ¹³C NMR spectra of compound **3e**.

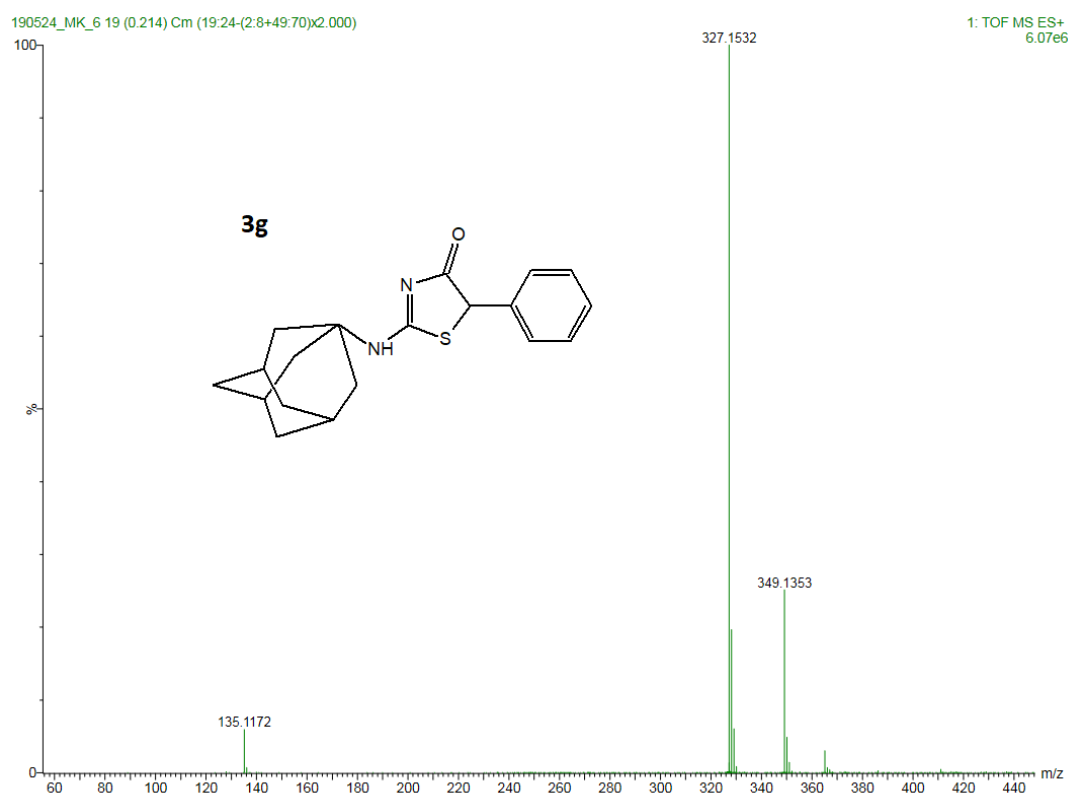
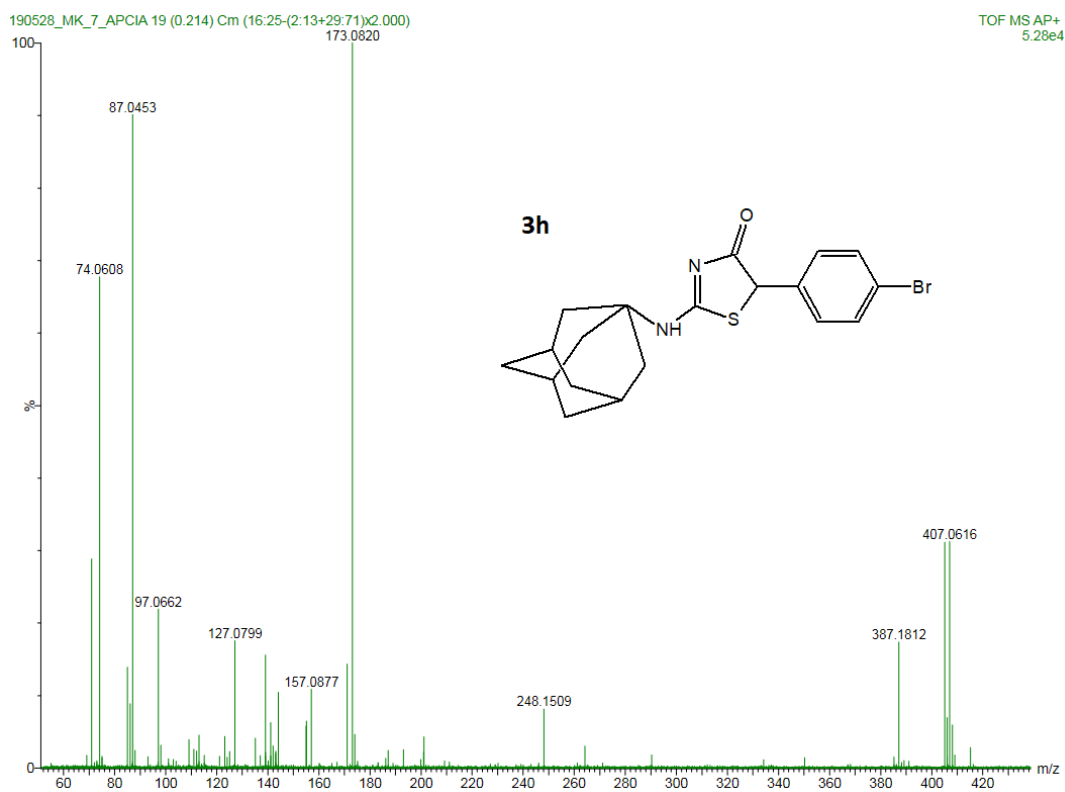
Figure S2F. ¹³C NMR spectra of compound **3f**.Figure S2G. ¹³C NMR spectra of compound **3g**.

Figure S2H. ¹³C NMR spectra of compound **3i**.Figure S2I. ¹³C NMR spectra of compound **3j**.Mass spectrum of compounds **3a–j**

Figure S3A. Mass spectrum of compound **3a**.Figure S3B. Mass spectrum of compound **3b**.

Figure S3C. Mass spectrum of compound **3c**.Figure S3D. Mass spectrum of compound **3d**.

Figure S3E. Mass spectrum of compound **3e**.Figure S3F Mass spectrum of compound **3f**.

Figure S3G. Mass spectrum of compound **3g**.Figure S3H Mass spectrum of compound **3h**.

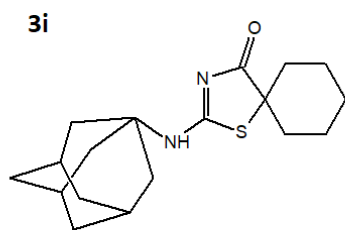


Figure S3I. Mass spectrum of compound **3i**.

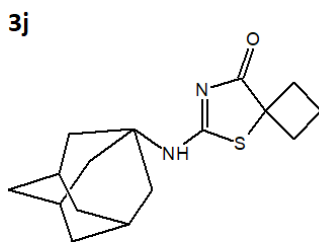


Figure S3J. Mass spectrum of compound **3j**.