Supplementary Material

Novel bivalent securinine mimetics as topoisomerase I inhibitors

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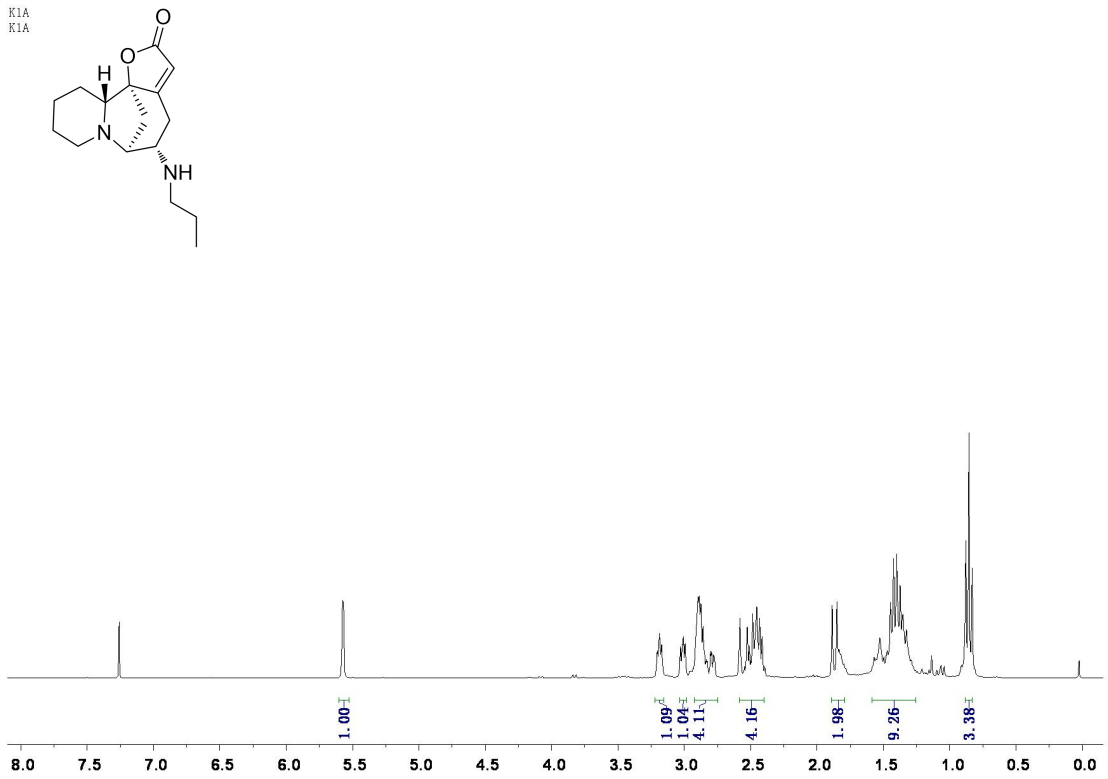
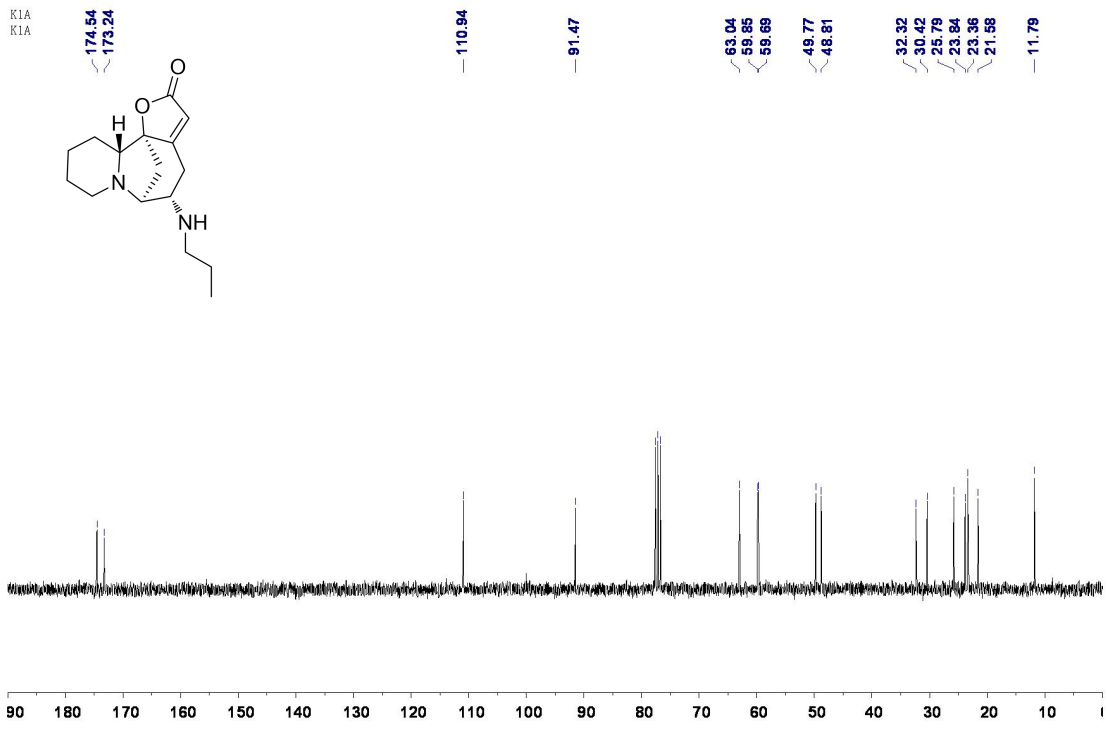
Supplementary Material Contents:

^{1}H NMR-Spectra, ^{13}C NMR-spectra, LRMS or HRMS of target compounds

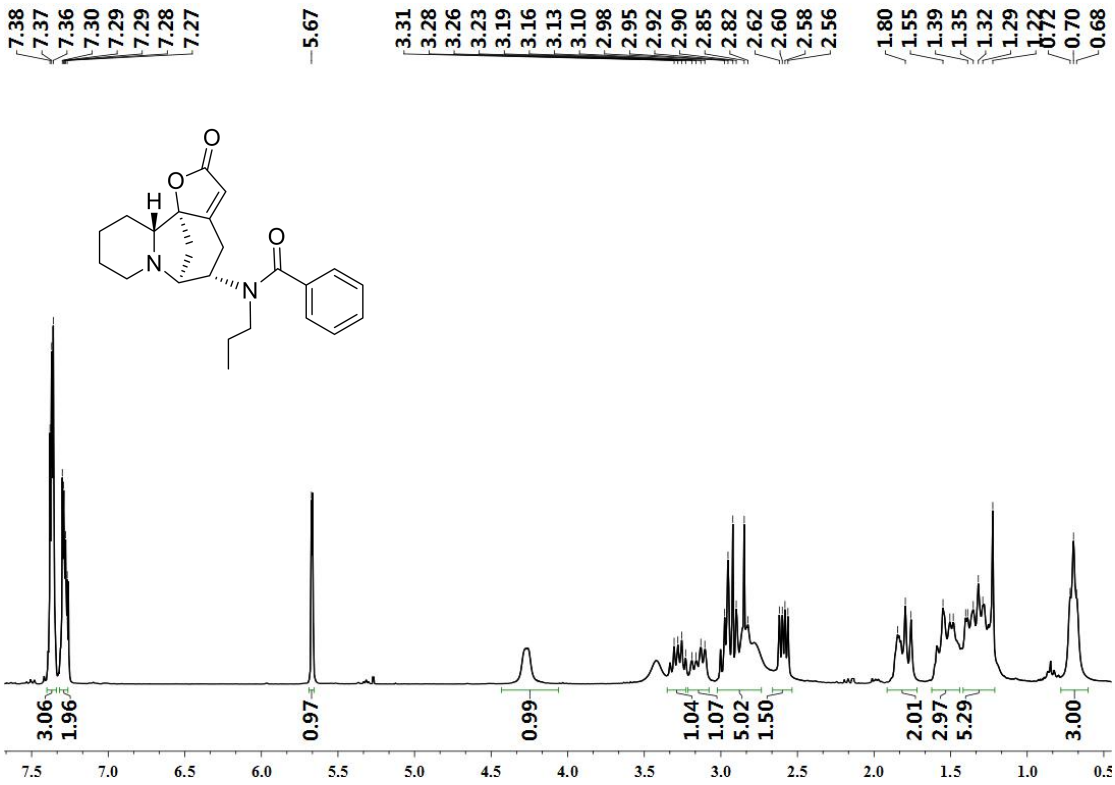
^{1}H NMR spectrum of **KA** (300 MHz, $CDCl_3$)



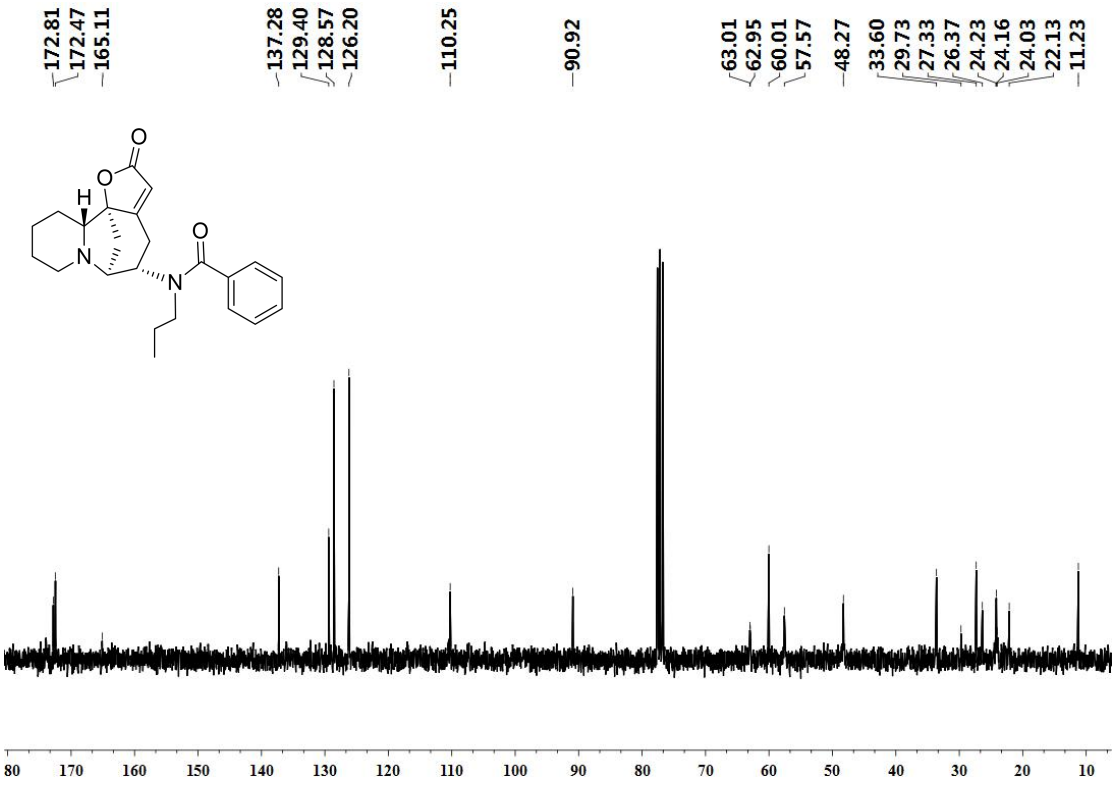
^{13}C NMR spectrum of **KA** (75 MHz, $CDCl_3$)



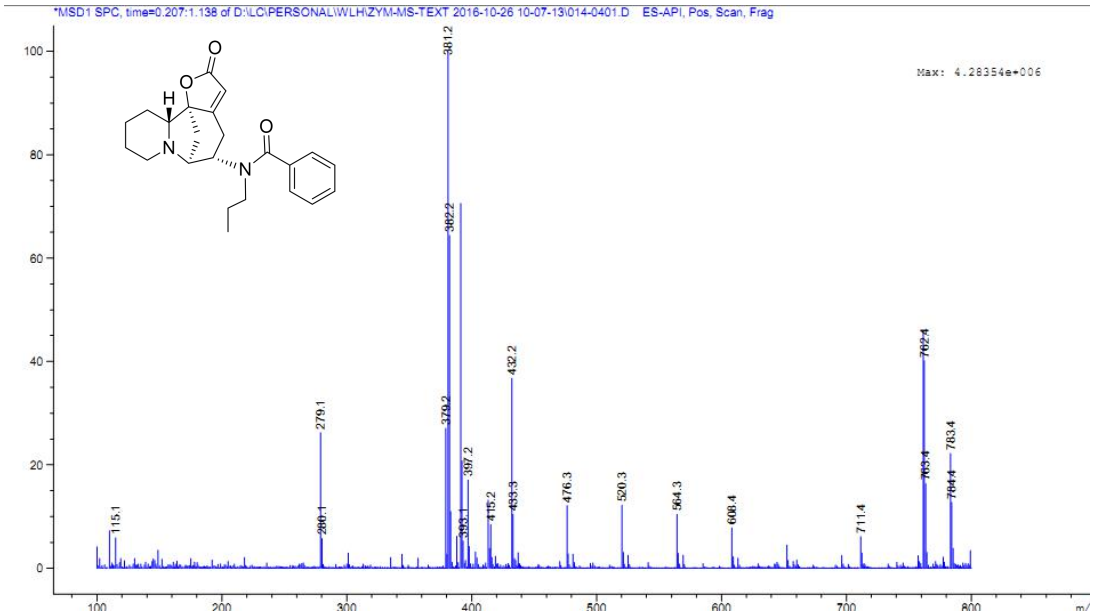
^{1}H NMR spectrum of **M2** (300 MHz, $CDCl_3$)



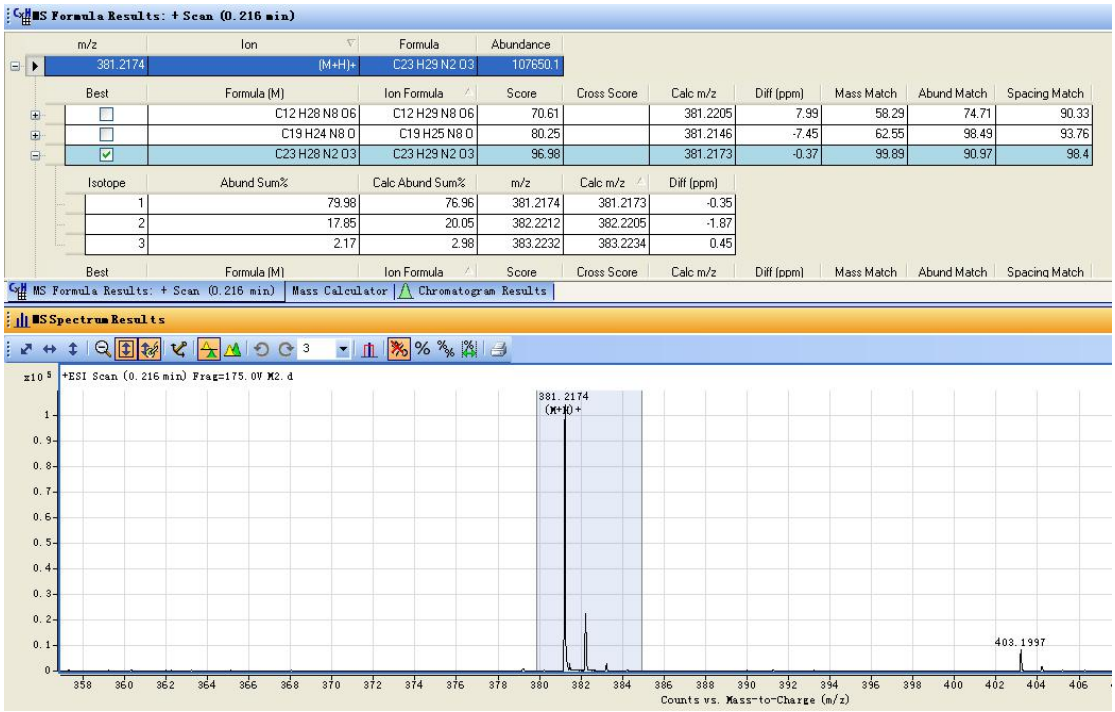
^{13}C NMR spectrum of **M2** (75 MHz, $CDCl_3$)



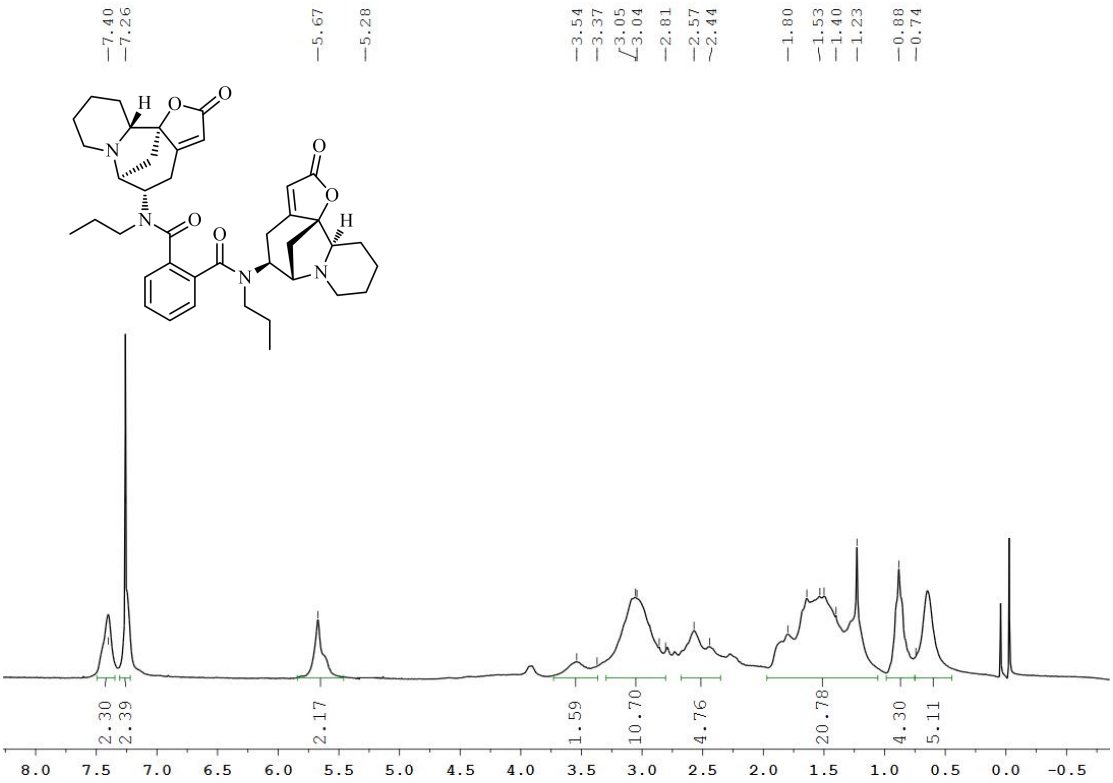
ESI-MS of compound **M2**



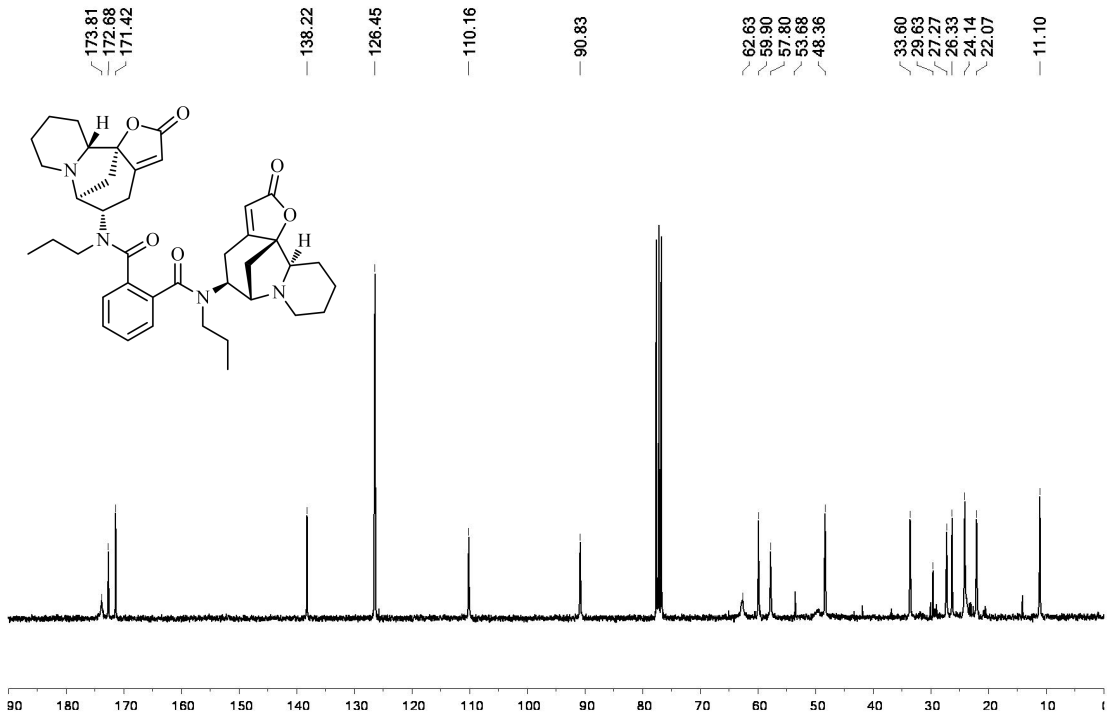
HRMS of compound **M2**



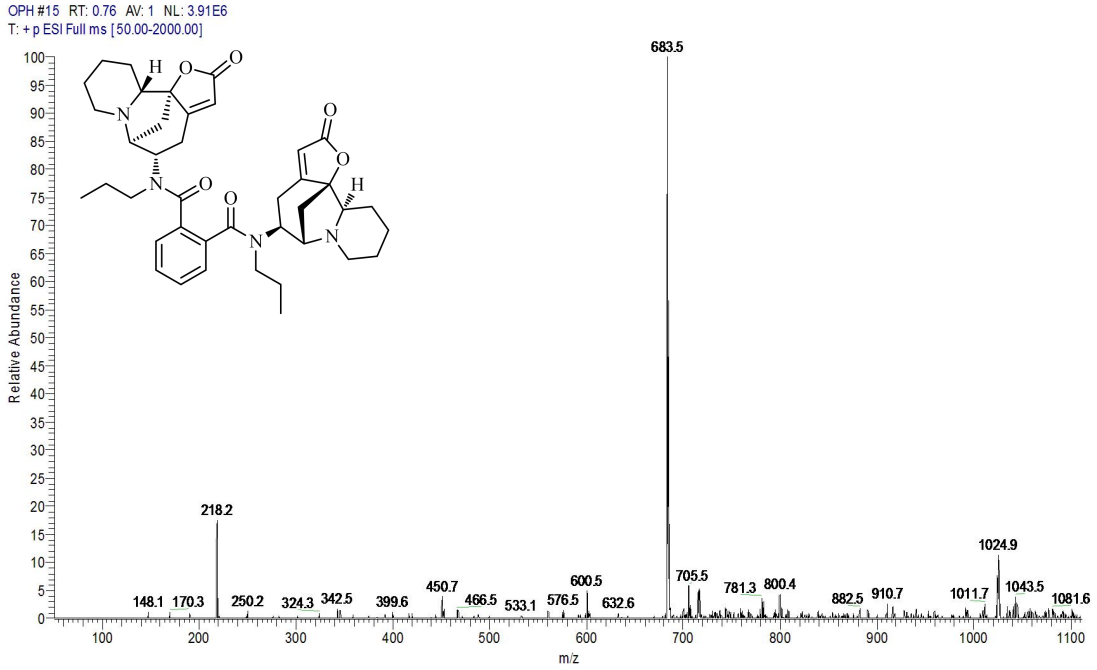
^{1}H NMR spectrum of **R1** (300 MHz, $CDCl_3$)



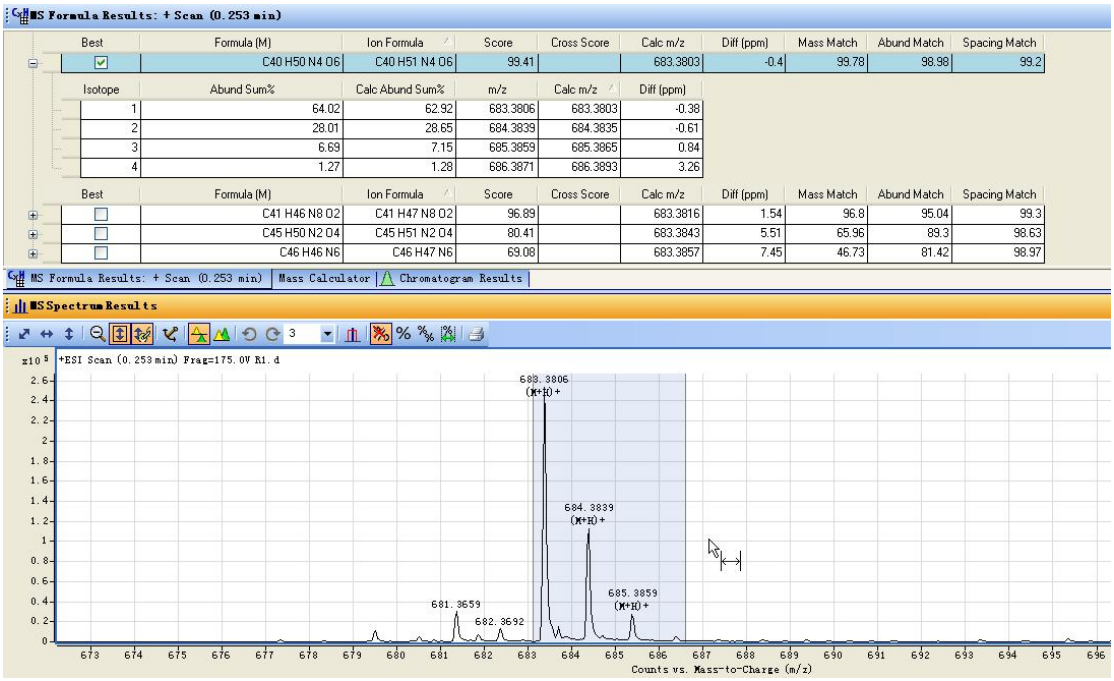
^{13}C NMR spectrum of **R1** (75 MHz, $CDCl_3$)



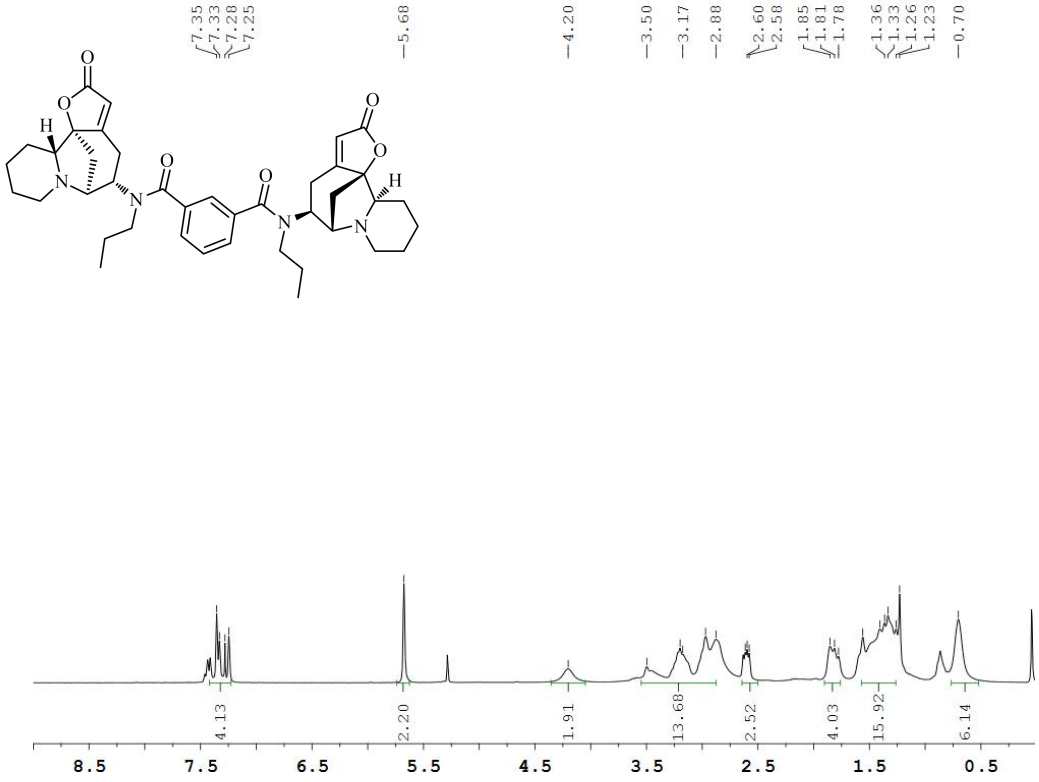
ESI-MS spectrum of **R1**



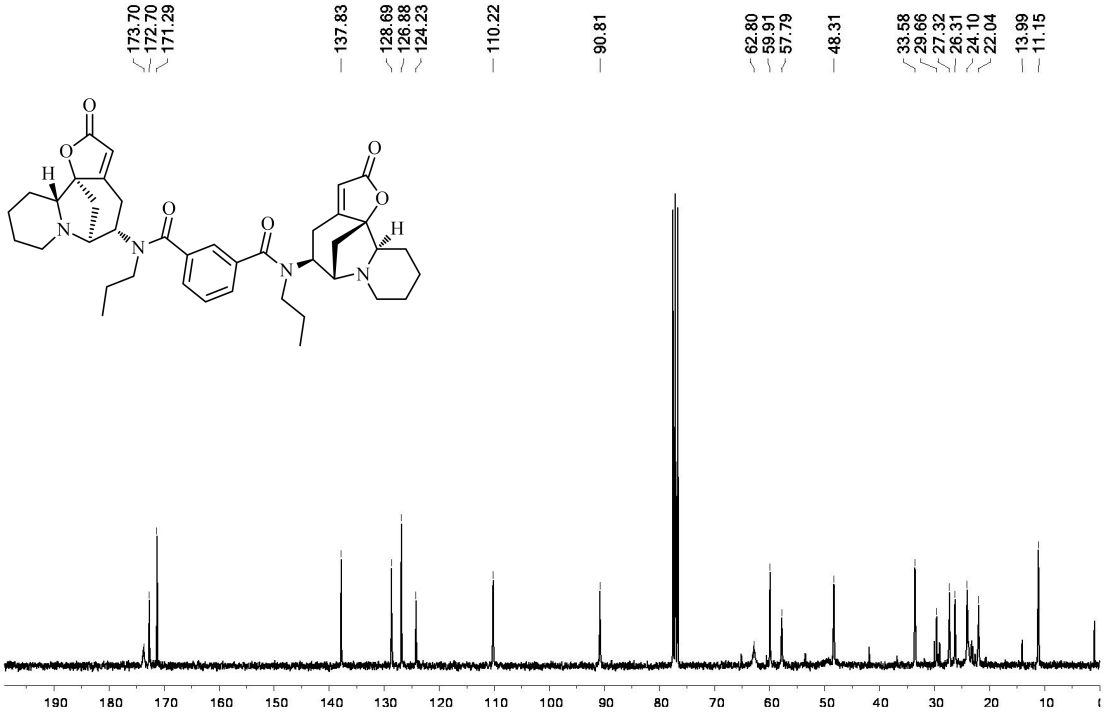
HRMS of compound **R1**



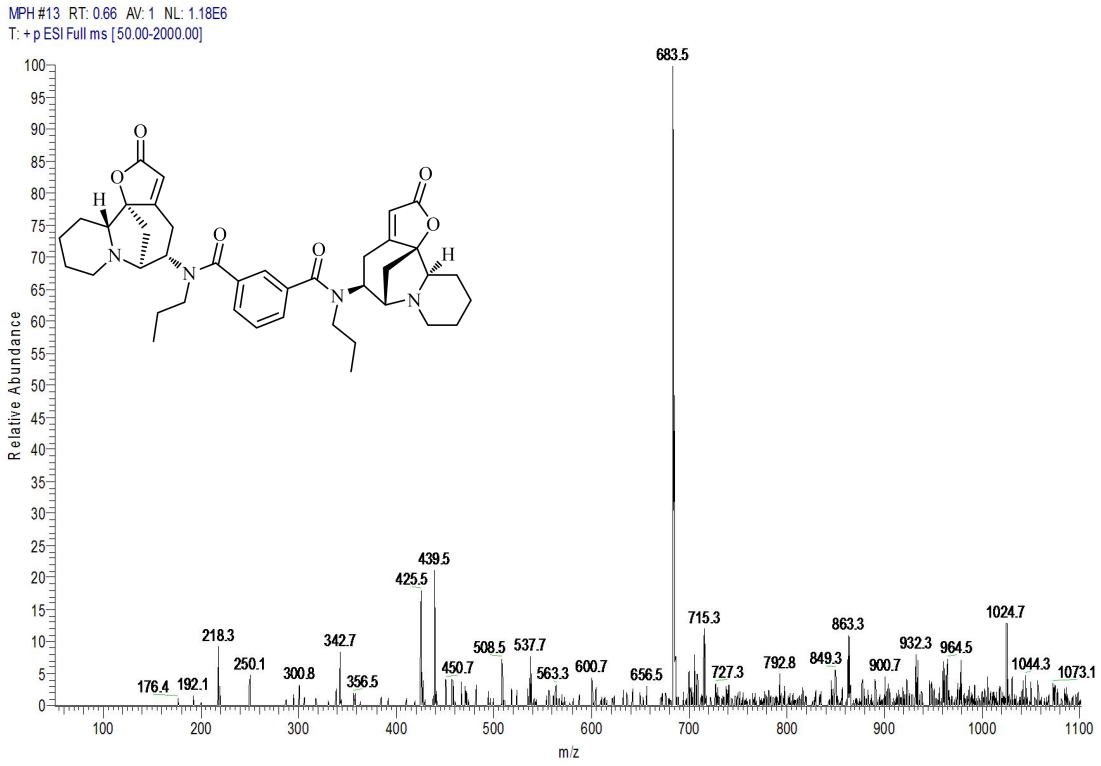
H NMR spectrum of **R2** (300 MHz, $CDCl_3$)



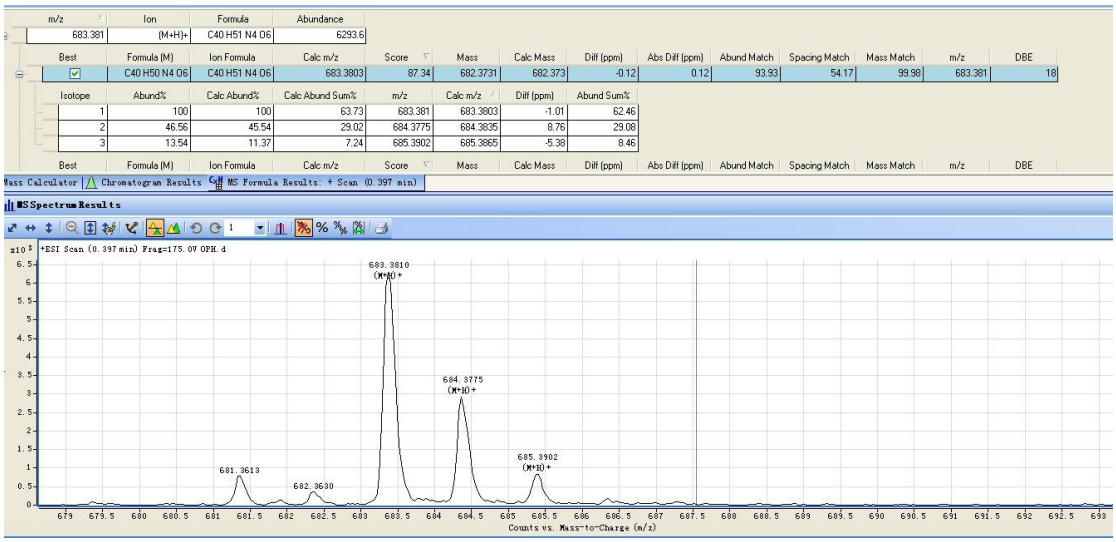
^{13}C NMR spectrum of **R2** (75 MHz, $CDCl_3$)



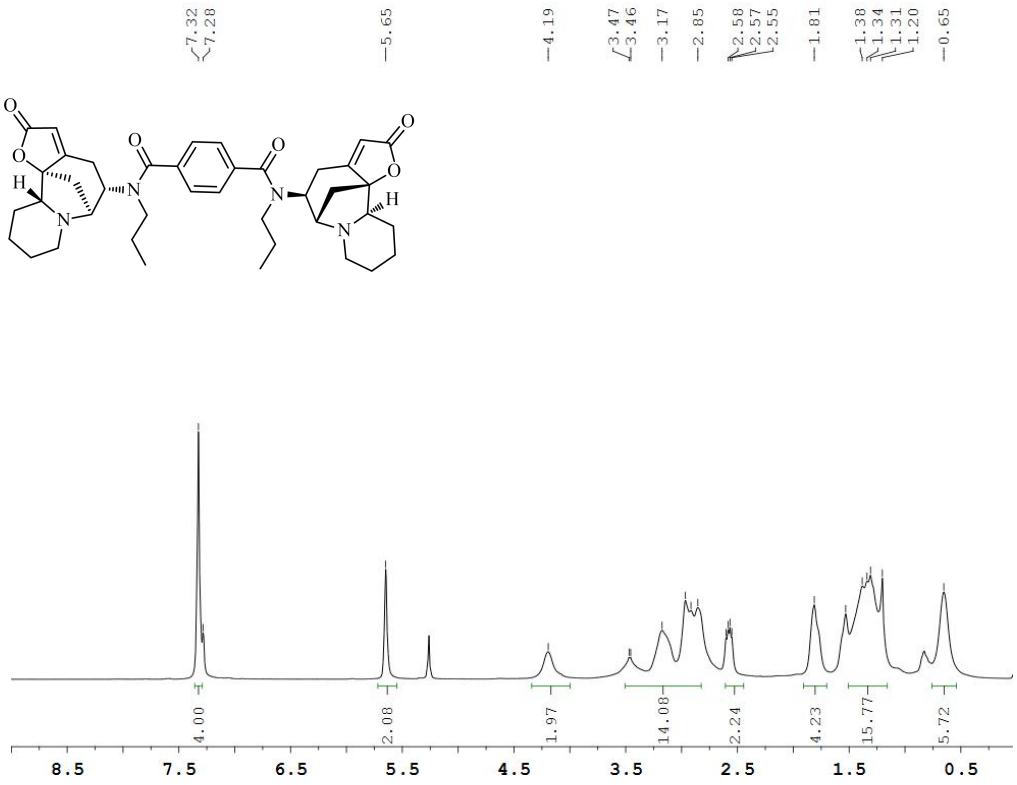
ESI-MS spectrum of **R2**



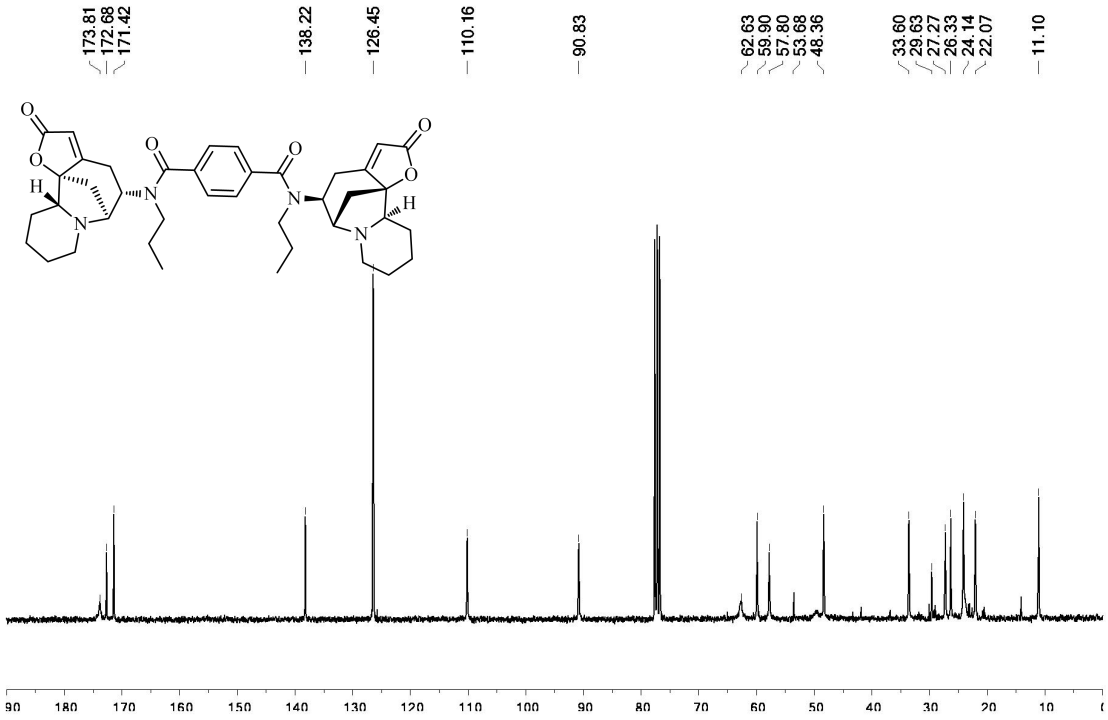
HRMS of compound **R2**



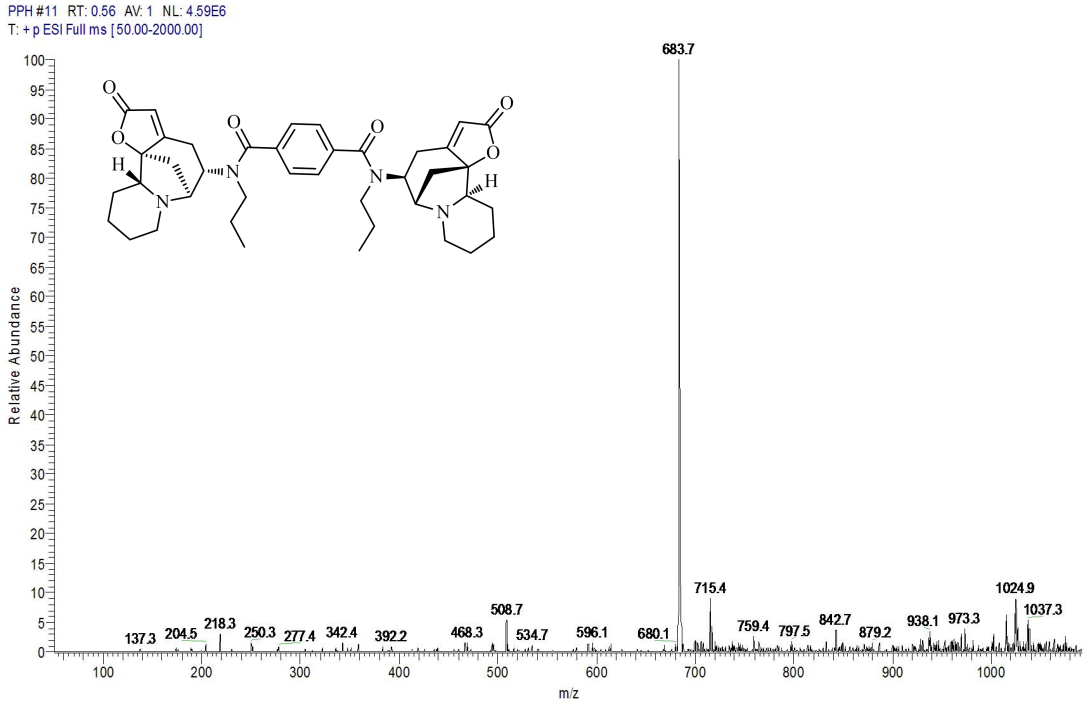
^{1}H NMR spectrum of **R3** (300 MHz, $CDCl_3$)



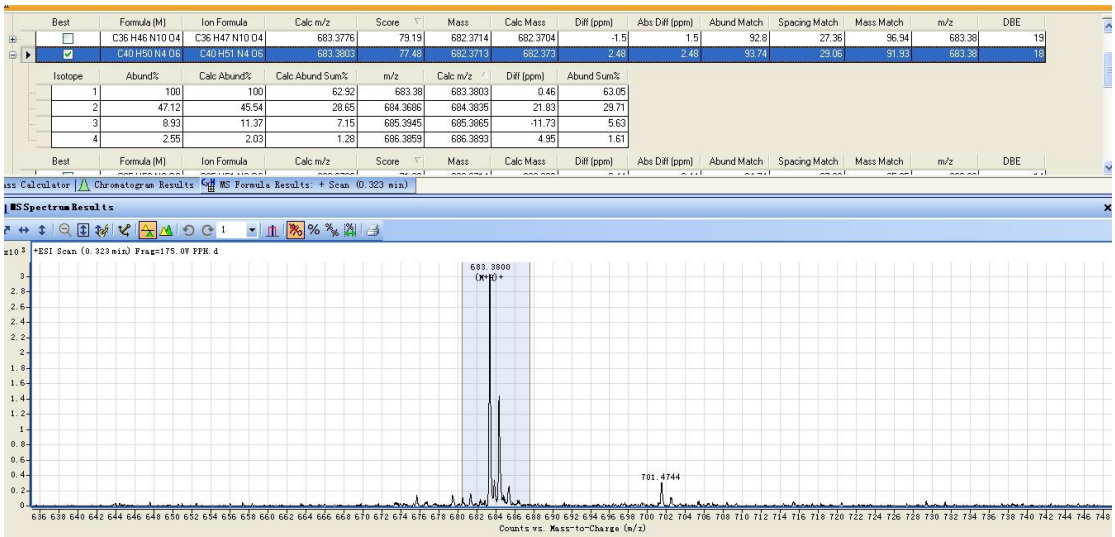
^{13}C NMR spectrum of **R3** (75 MHz, $CDCl_3$)



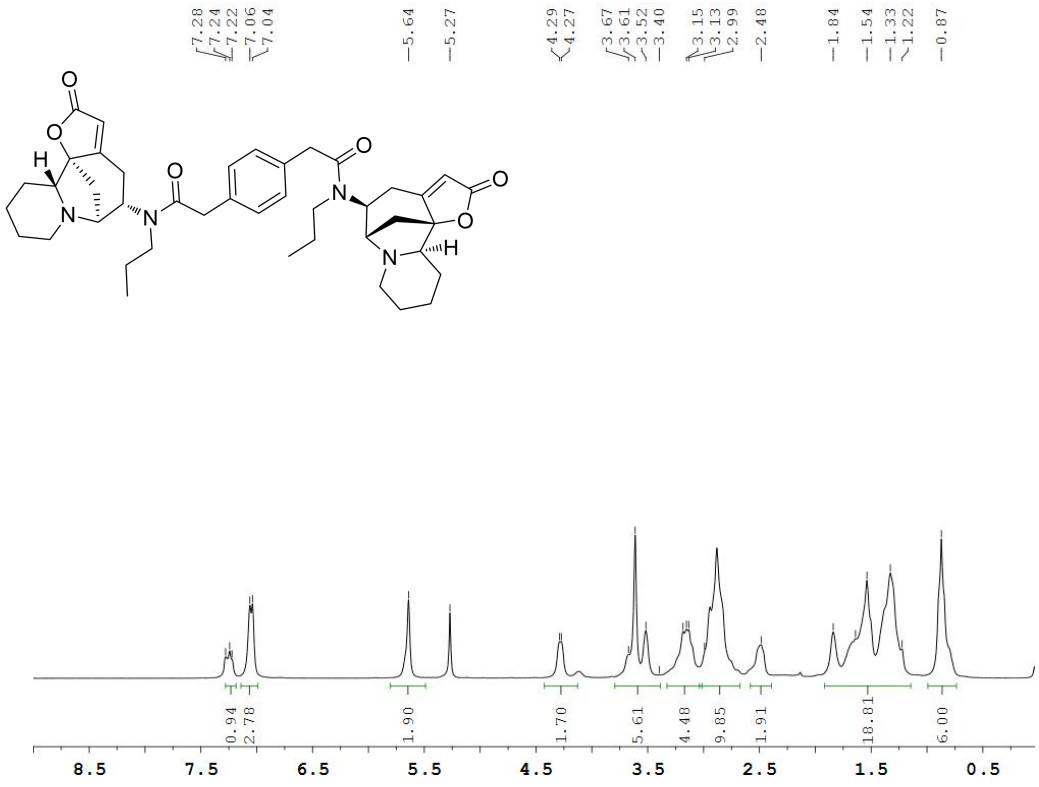
ESI-MS spectrum of **R3**



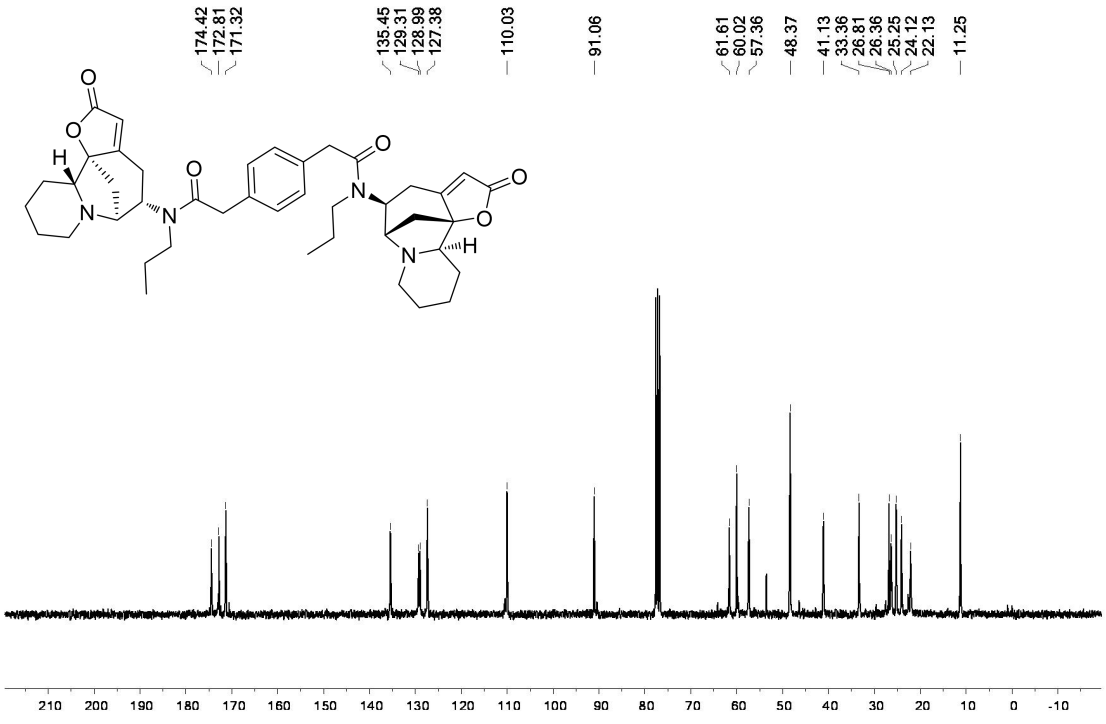
HRMS of compound **R3**



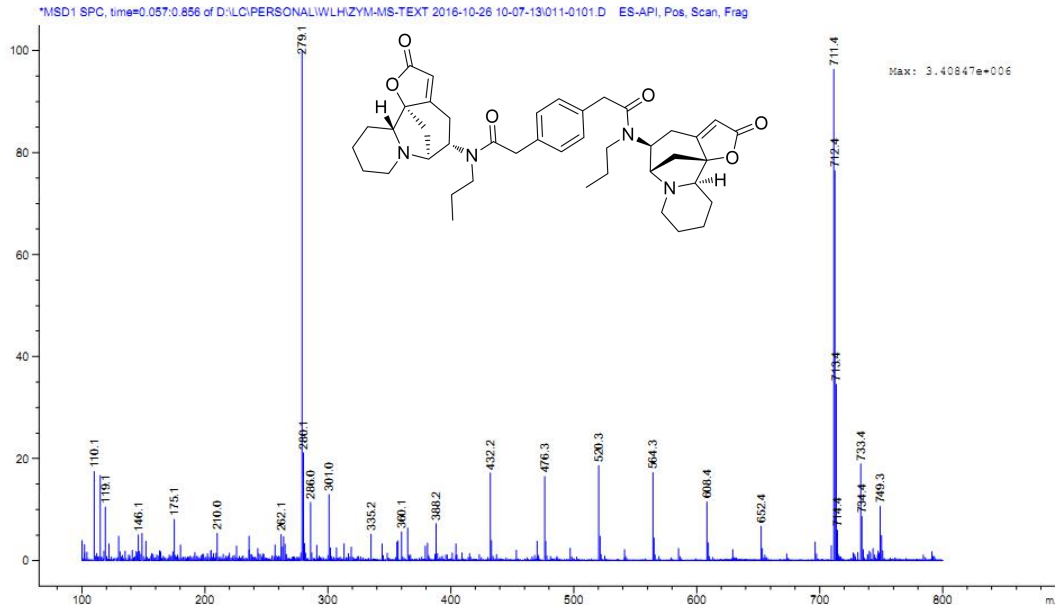
^{1}H NMR spectrum of **R4** (300 MHz, $CDCl_3$)



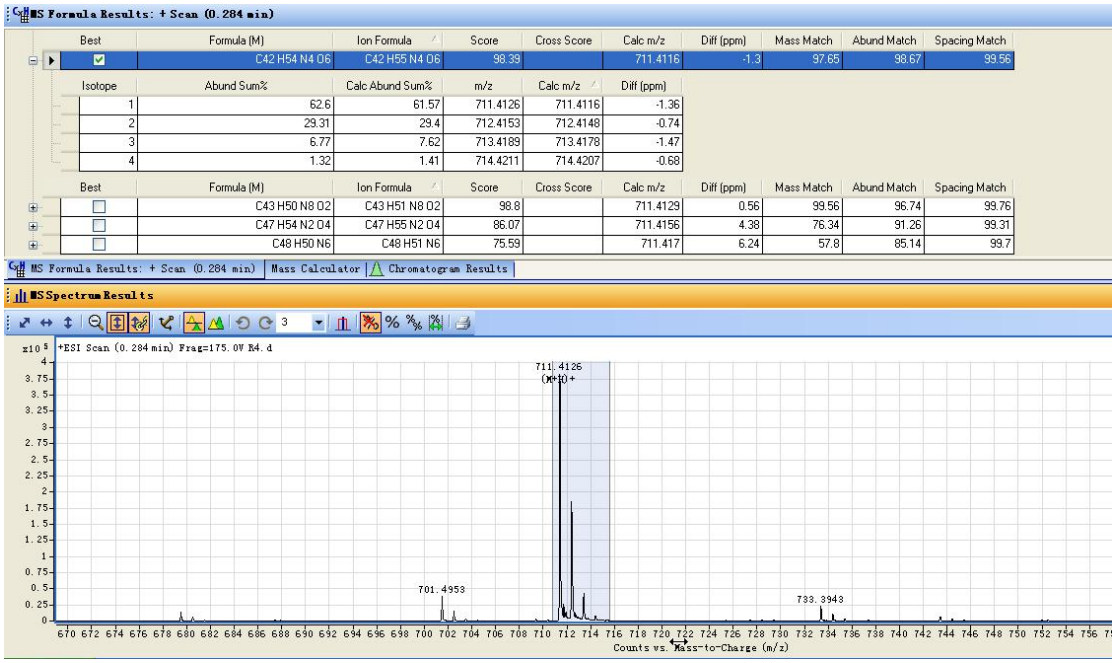
^{13}C NMR spectrum of **R4** (75 MHz, $CDCl_3$)



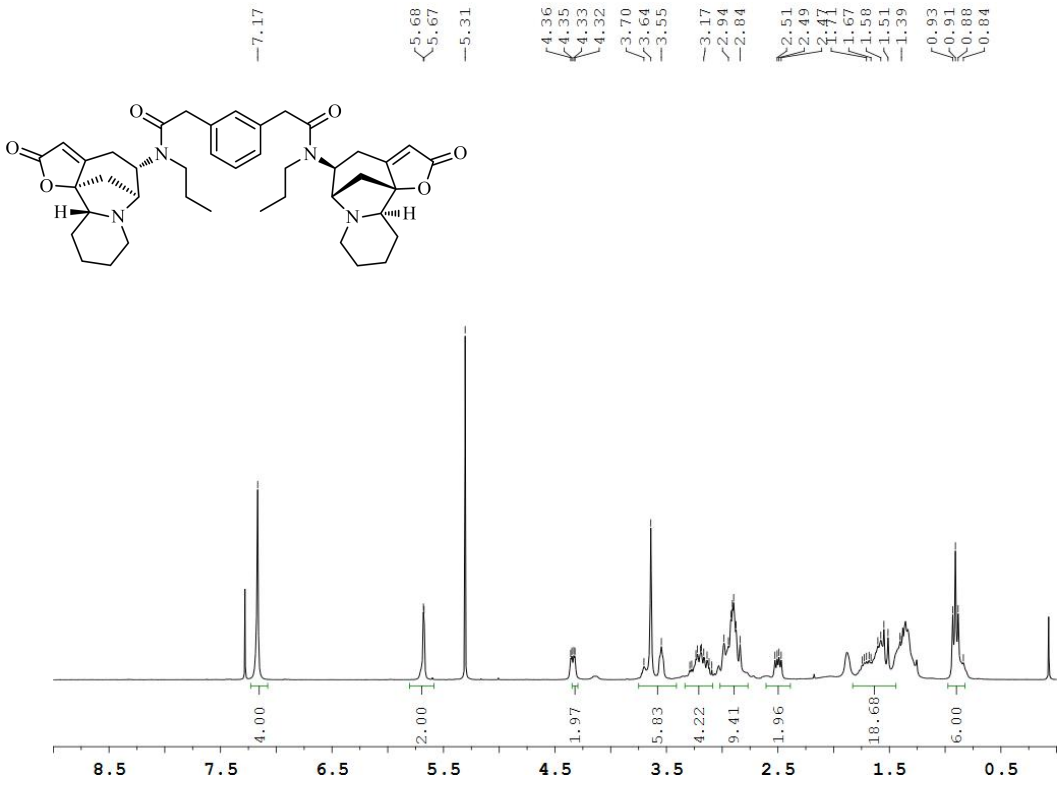
ESI-MS spectrum of **R4**



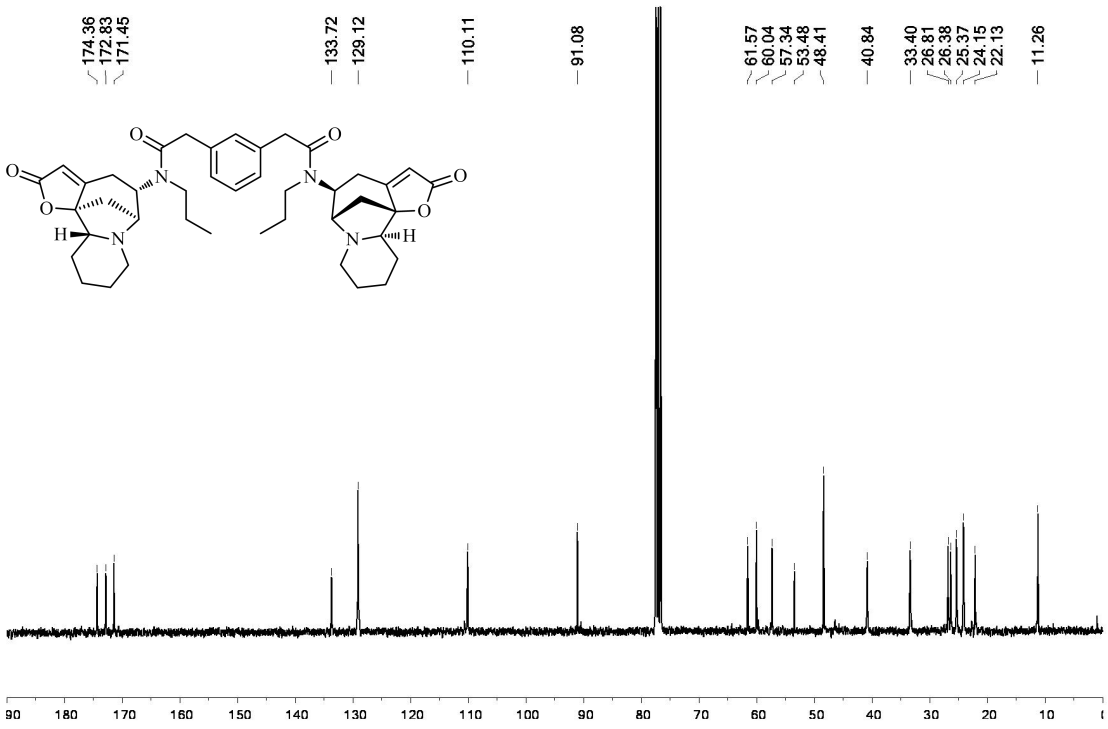
HRMS of compound **R4**



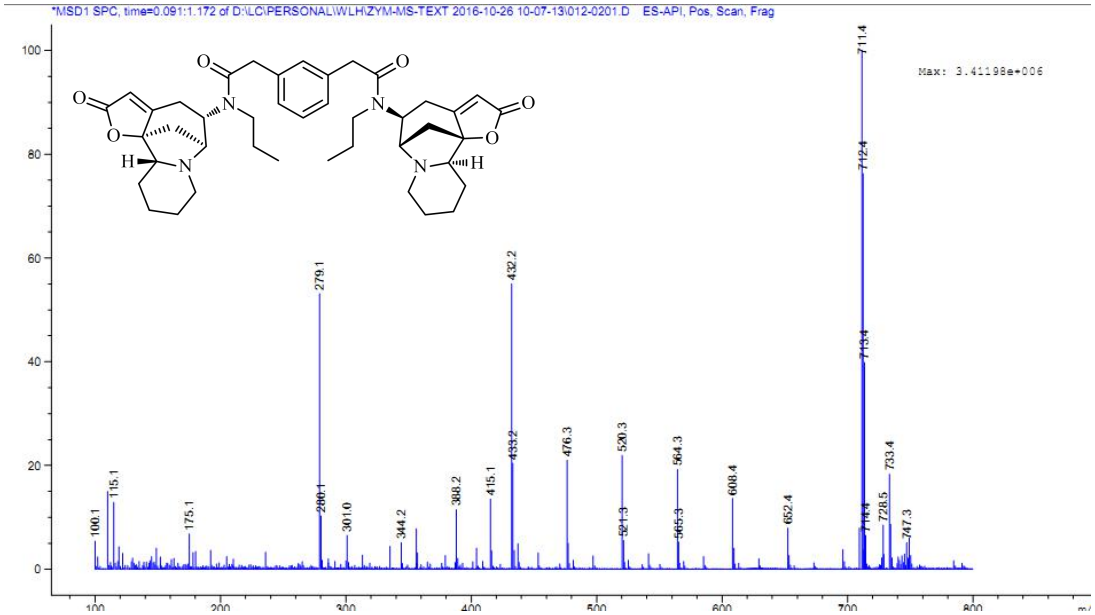
^{1}H NMR spectrum of **R5** (300 MHz, $CDCl_3$)



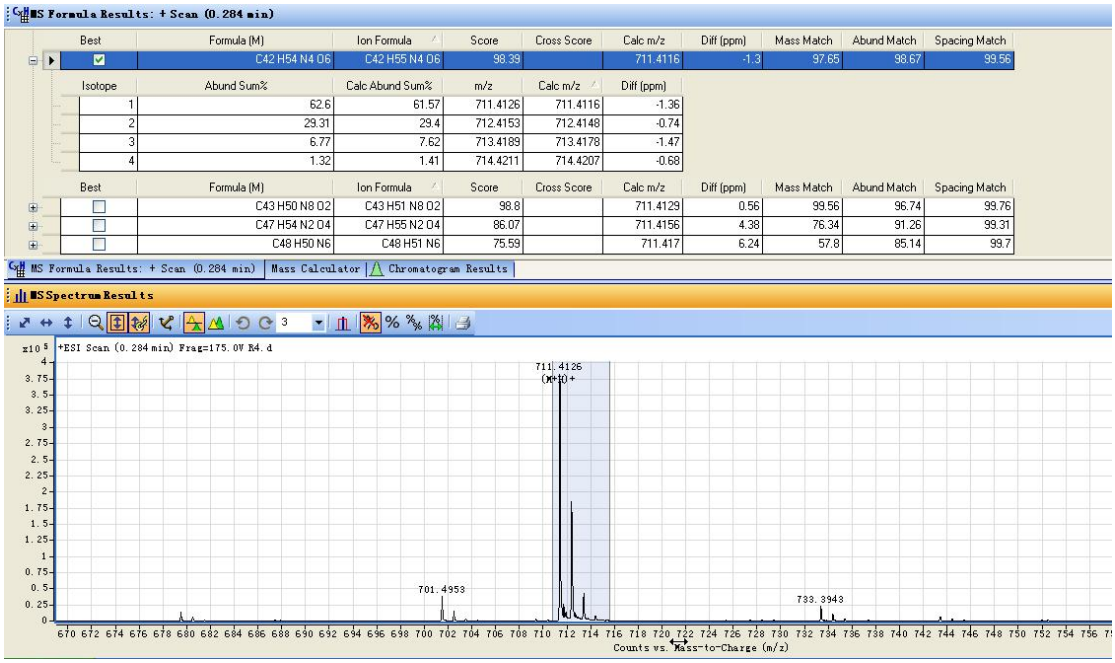
^{13}C NMR spectrum of **R5** (75 MHz, $CDCl_3$)



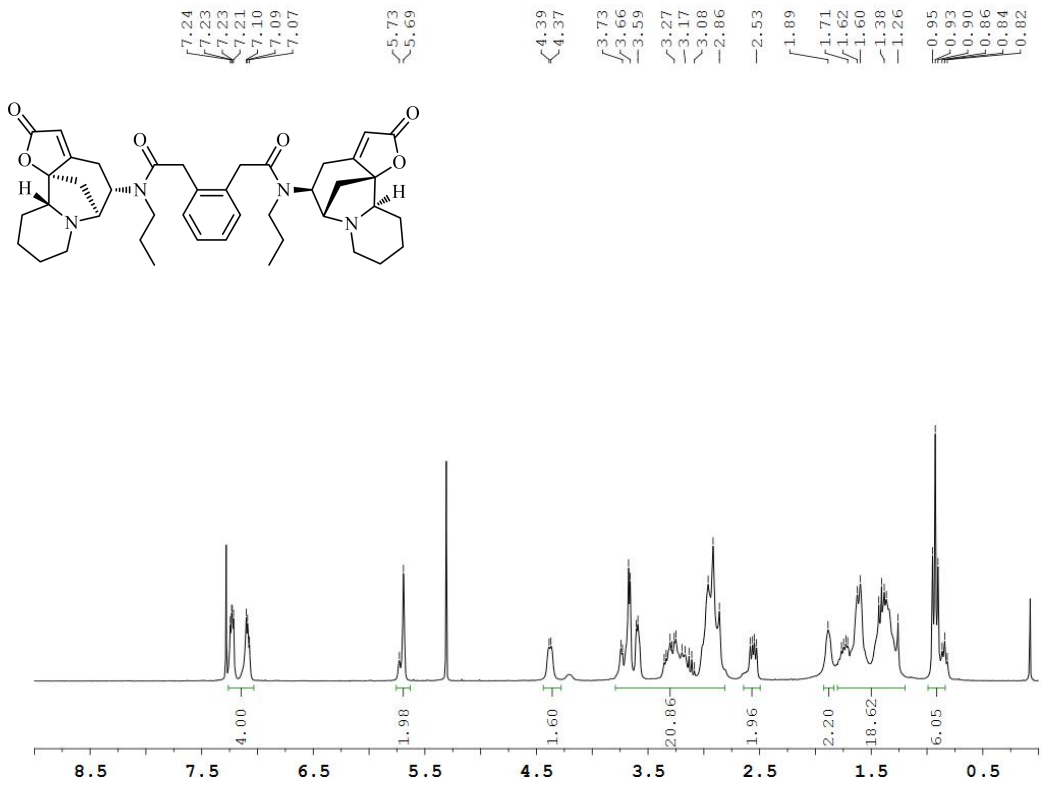
ESI-MS spectrum of **R5**



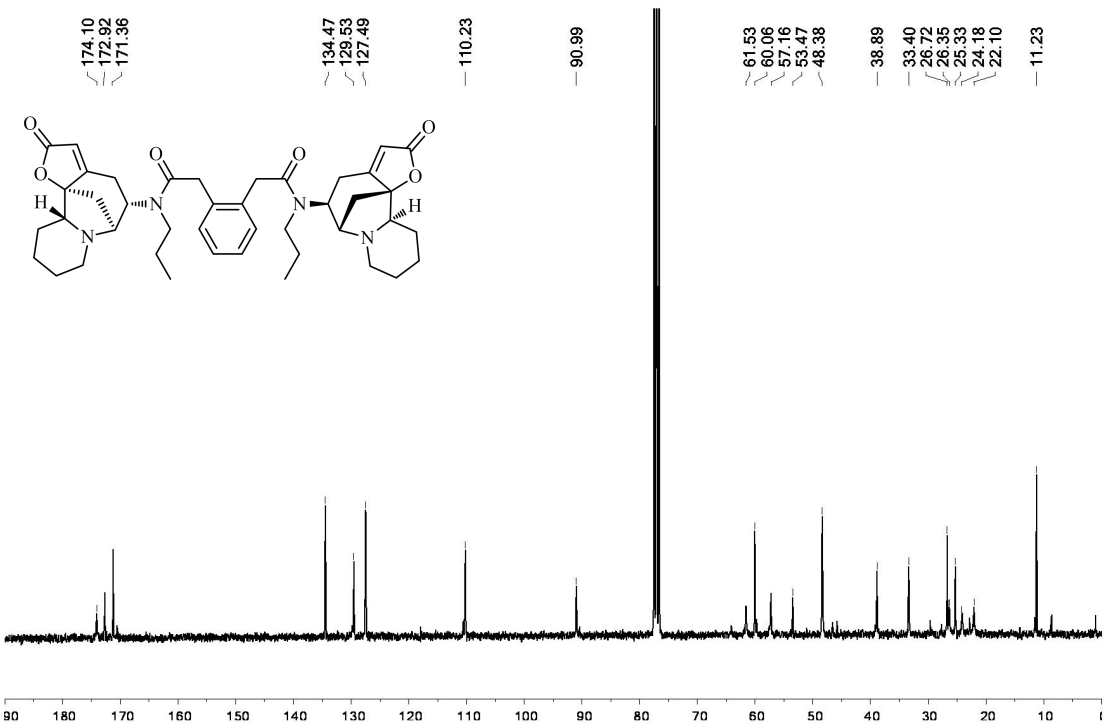
HRMS of compound **R5**



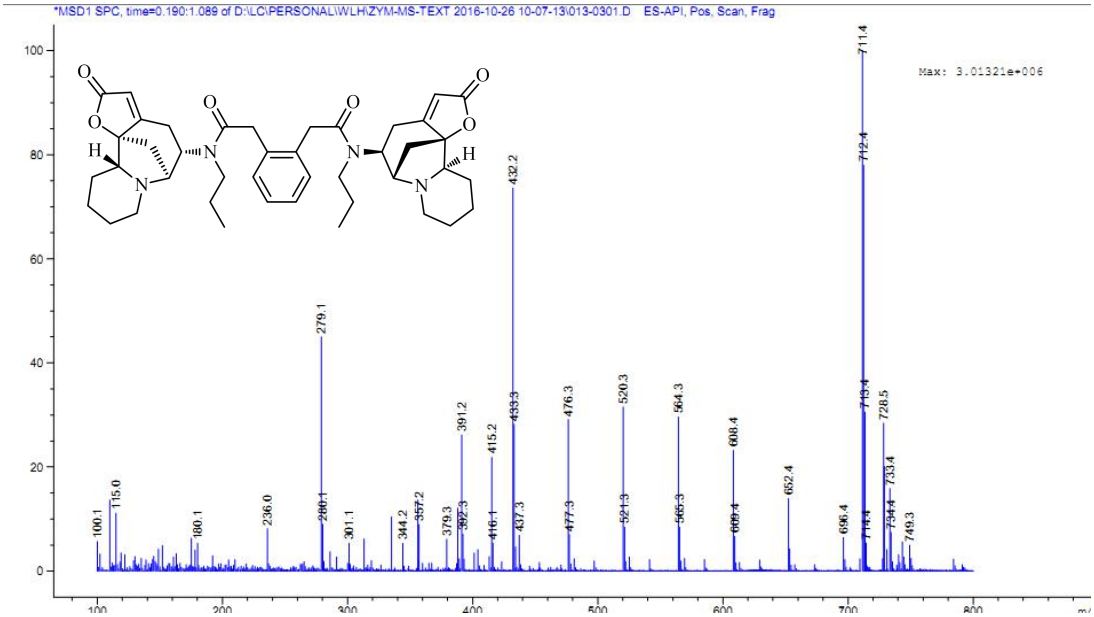
^{1}H NMR spectrum of **R6** (300 MHz, $CDCl_3$)



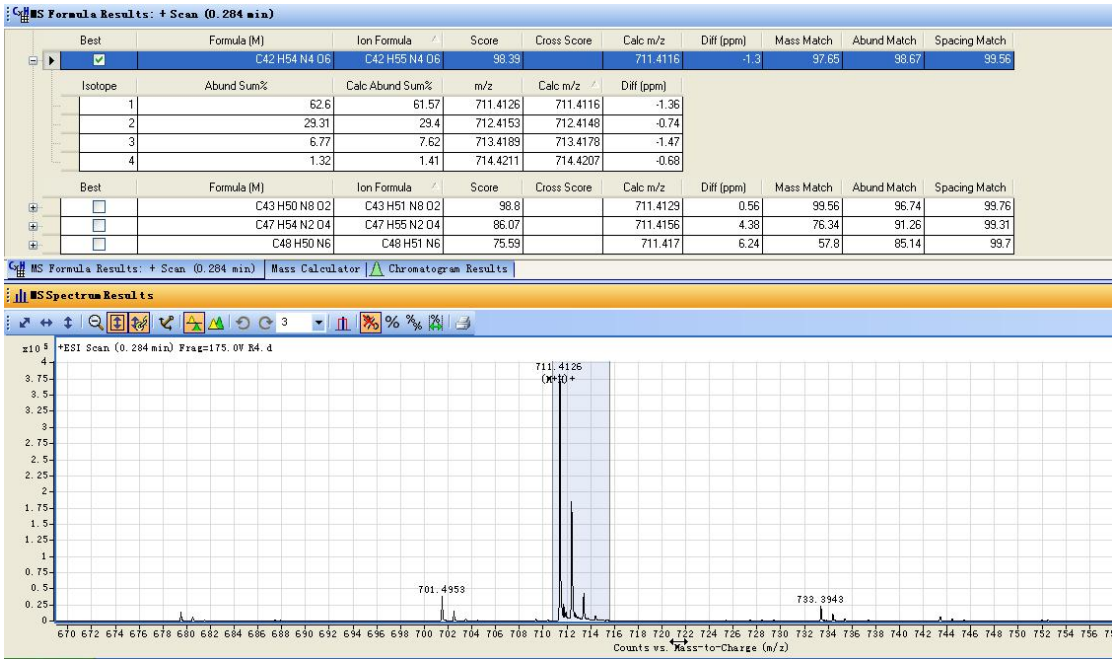
^{13}C NMR spectrum of **R6** (75 MHz, $CDCl_3$)



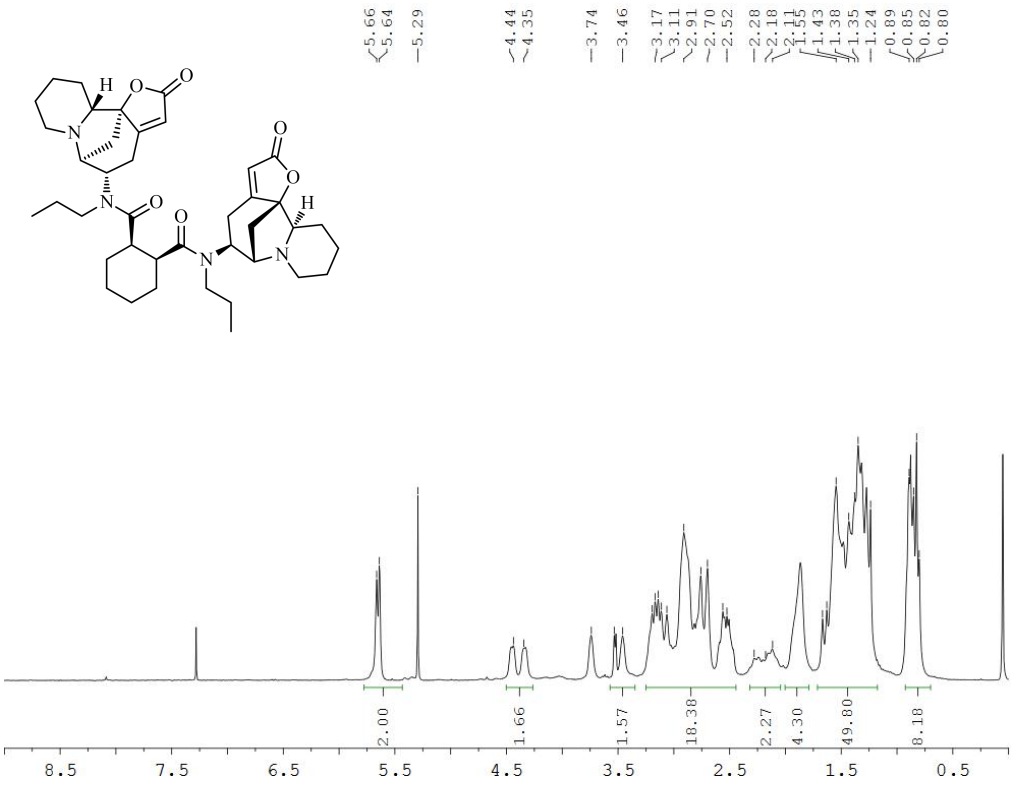
ESI-MS spectrum of **R6**



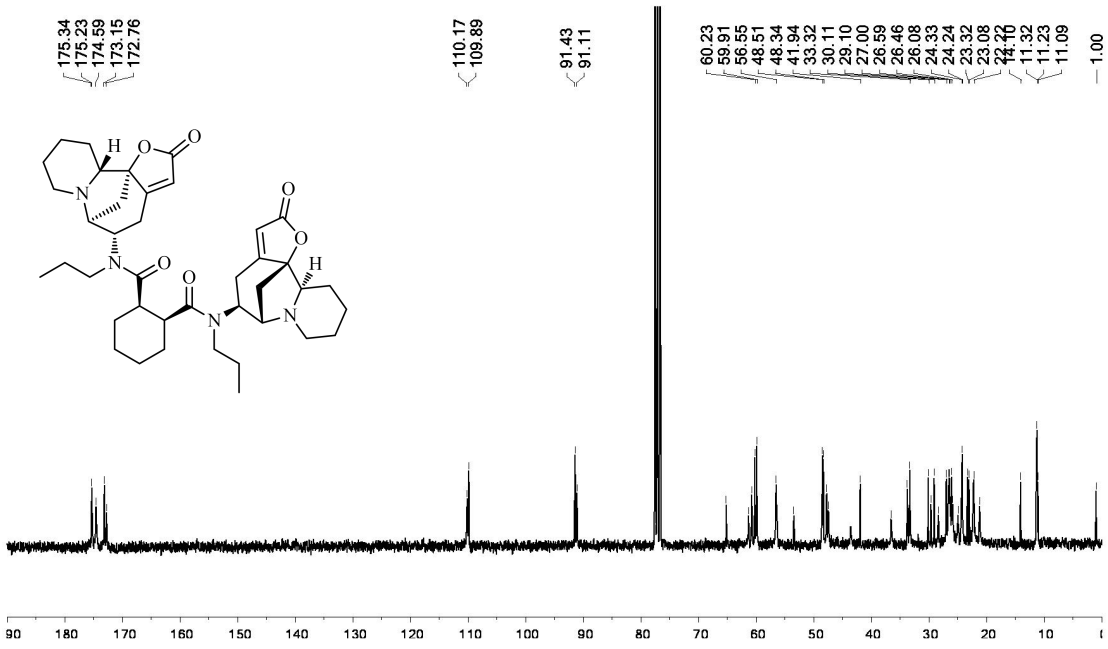
HRMS of compound **R6**



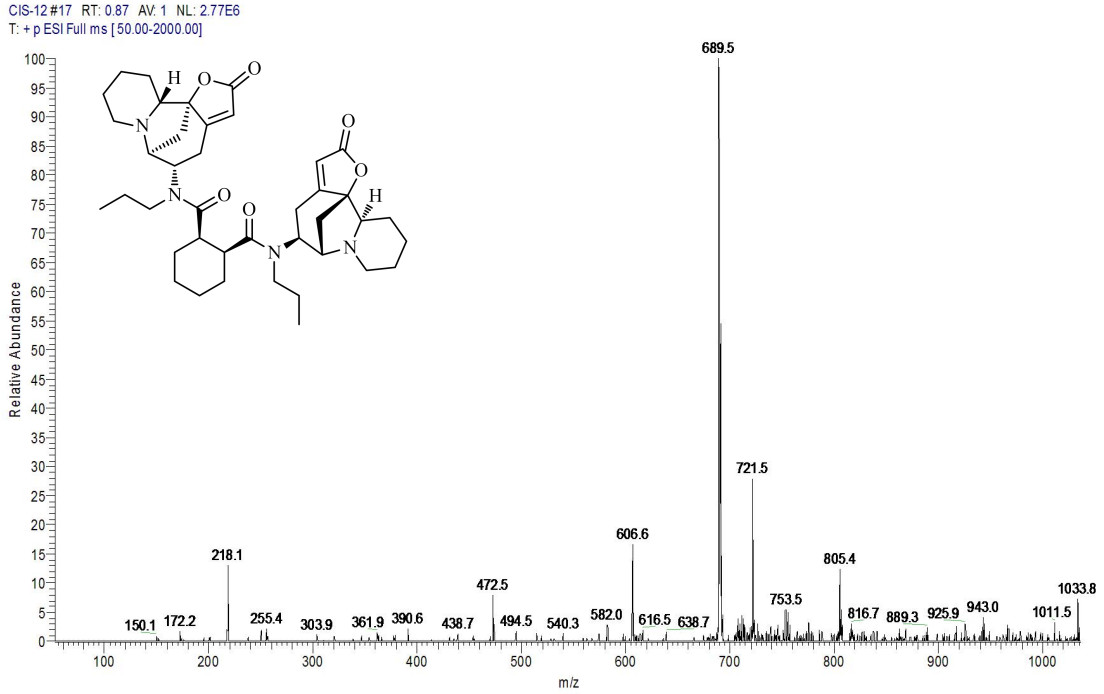
^{1}H NMR spectrum of **HR1** (300 MHz, $CDCl_3$)



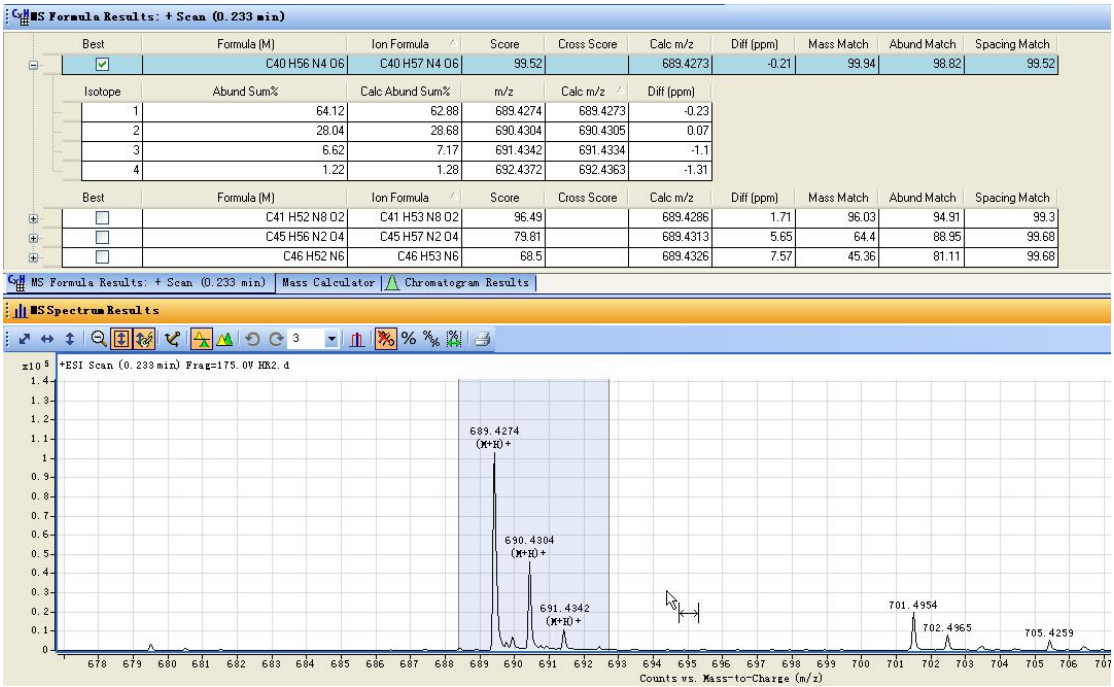
^{13}C NMR spectrum of **HR1** (75 MHz, $CDCl_3$)



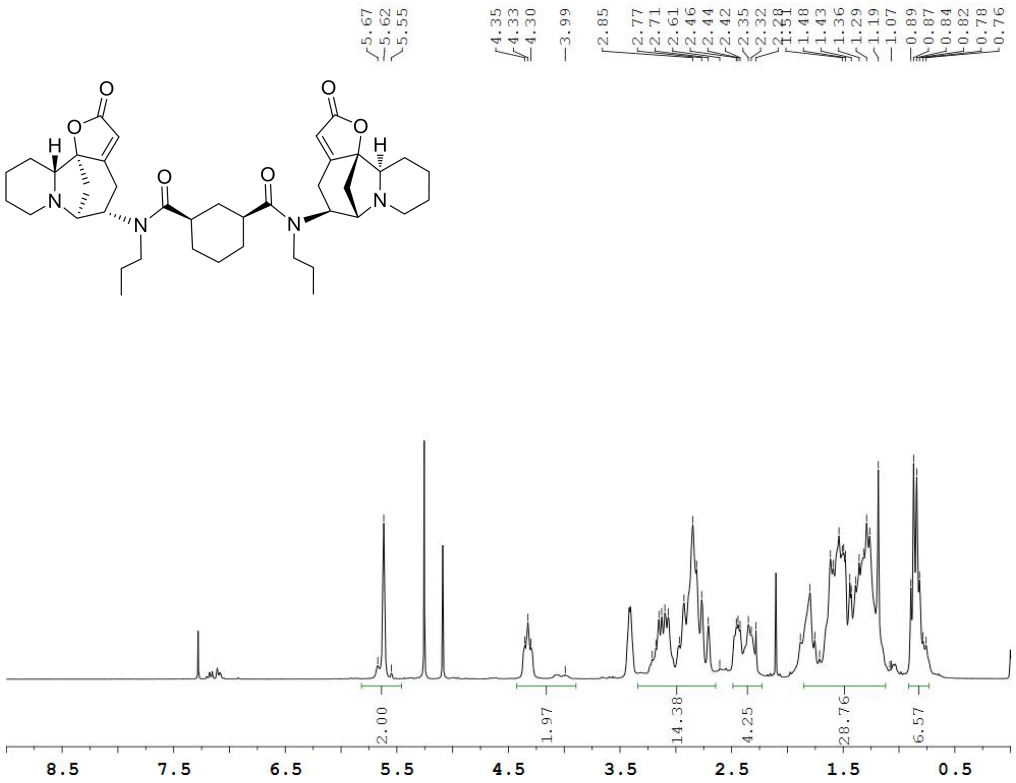
ESI-MS spectrum of **HR1**



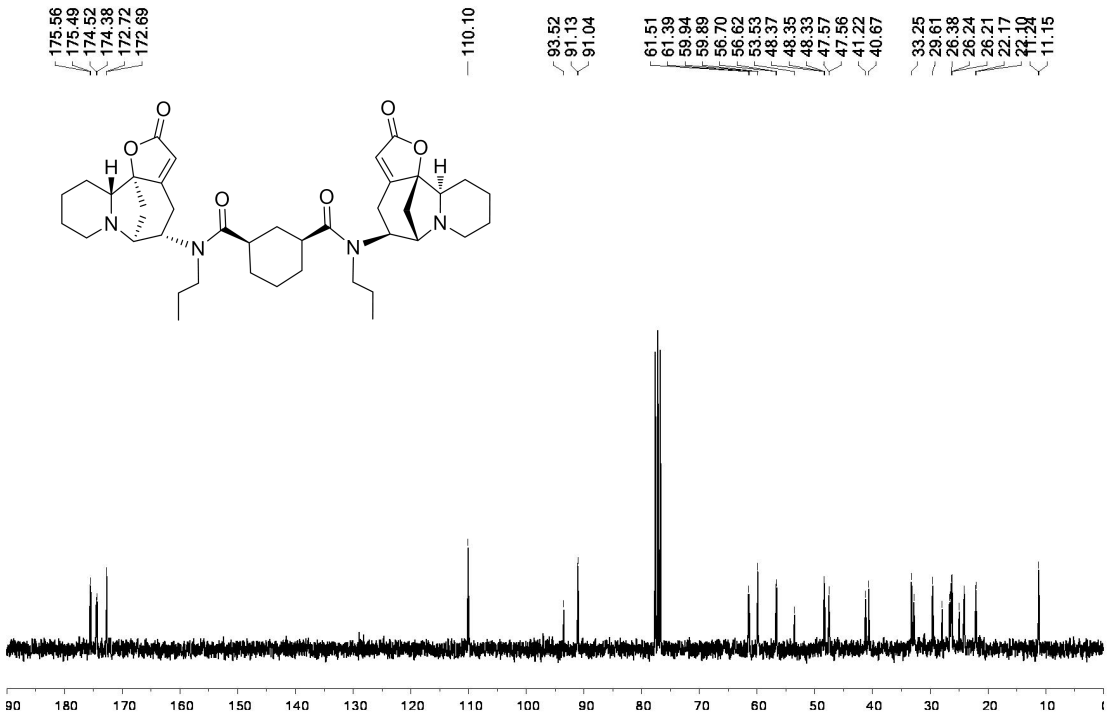
HRMS of compound **HR1**



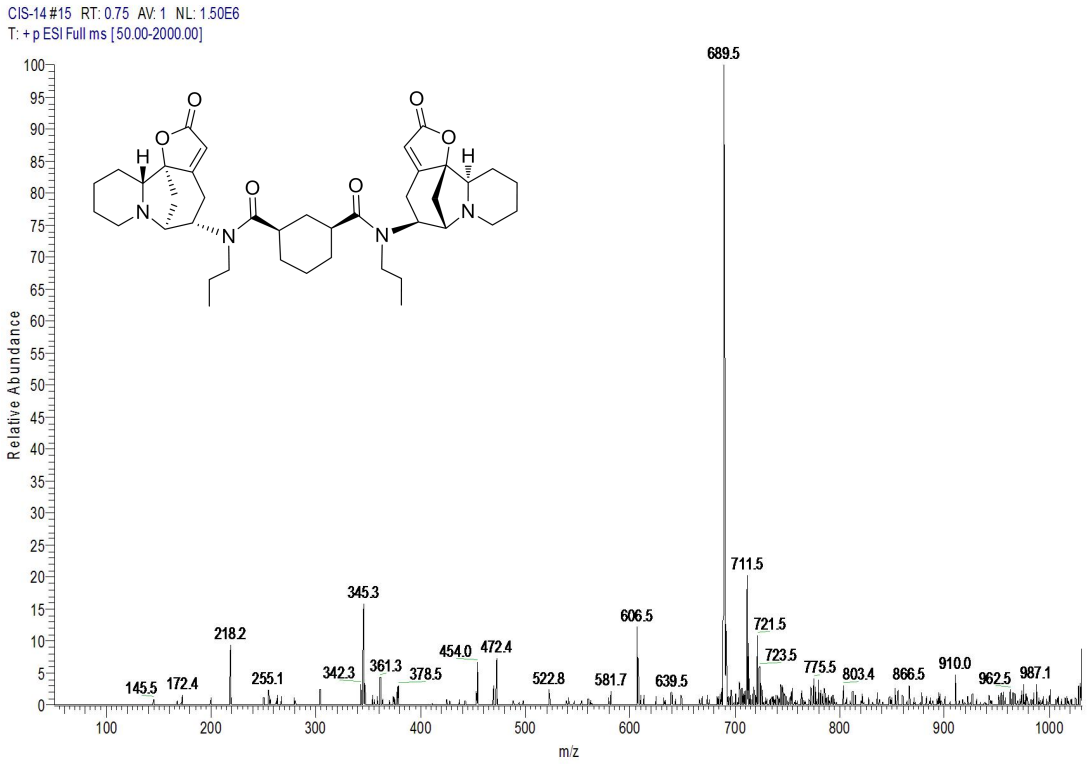
^{1}H NMR spectrum of **HR2** (300 MHz, $CDCl_3$)



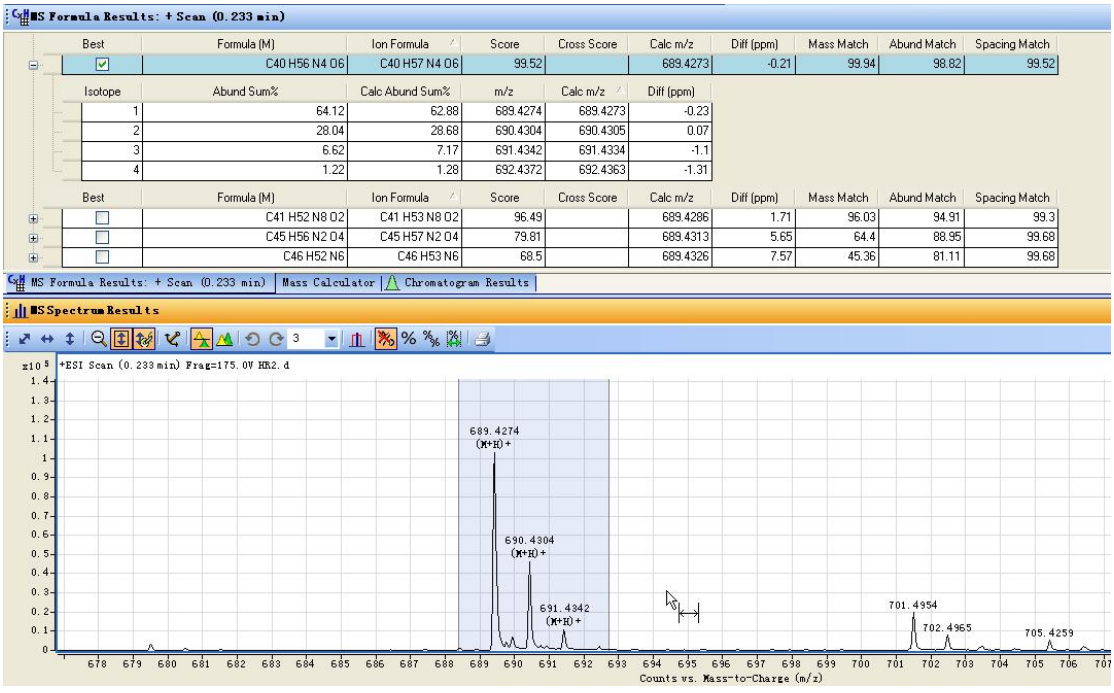
^{13}C NMR spectrum of **HR2** (75 MHz, $CDCl_3$)



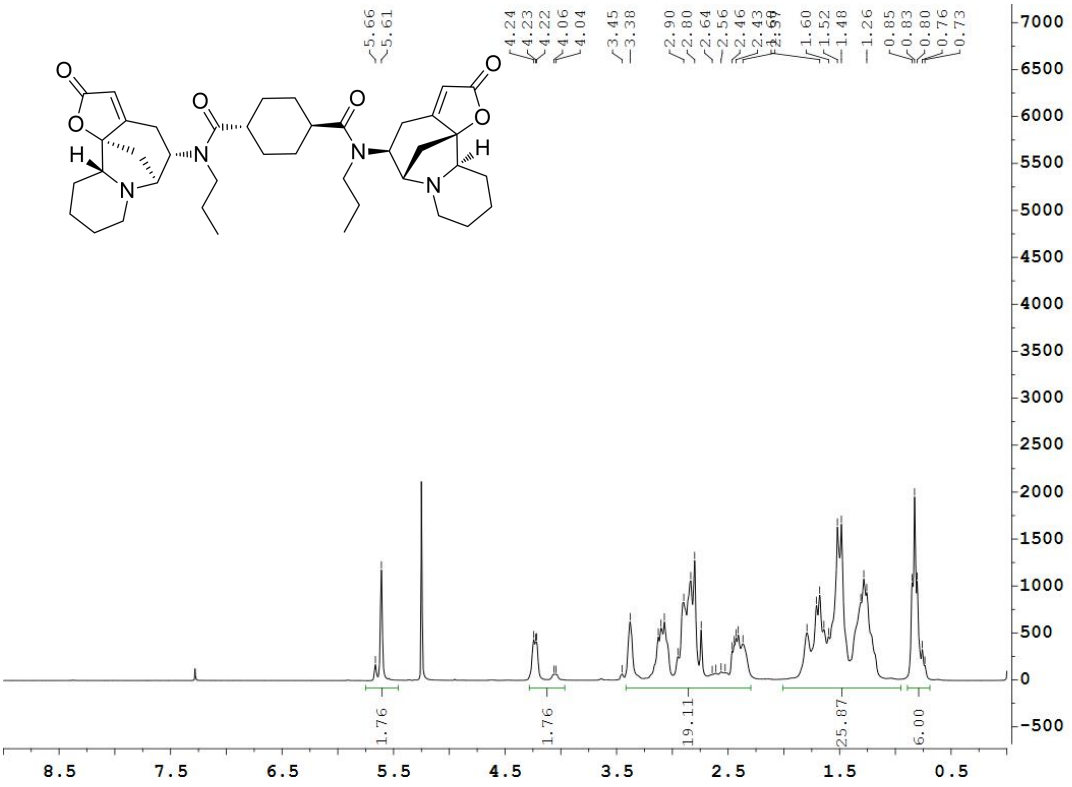
ESI-MS spectrum of **HR2**



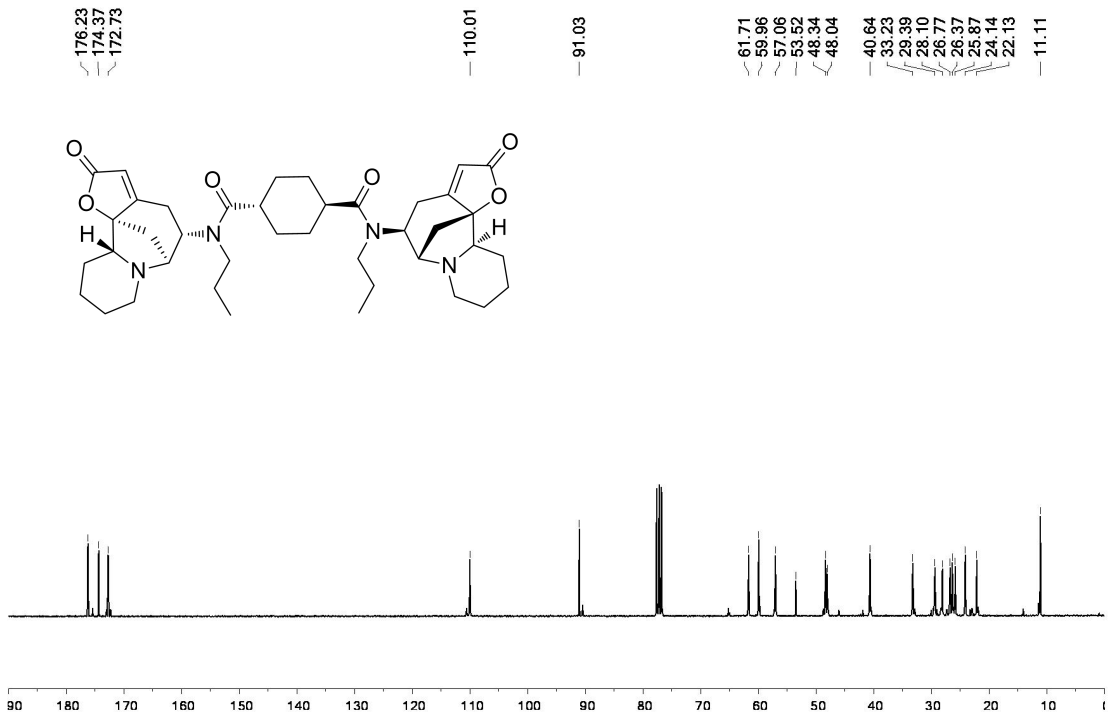
HRMS of compound **HR2**



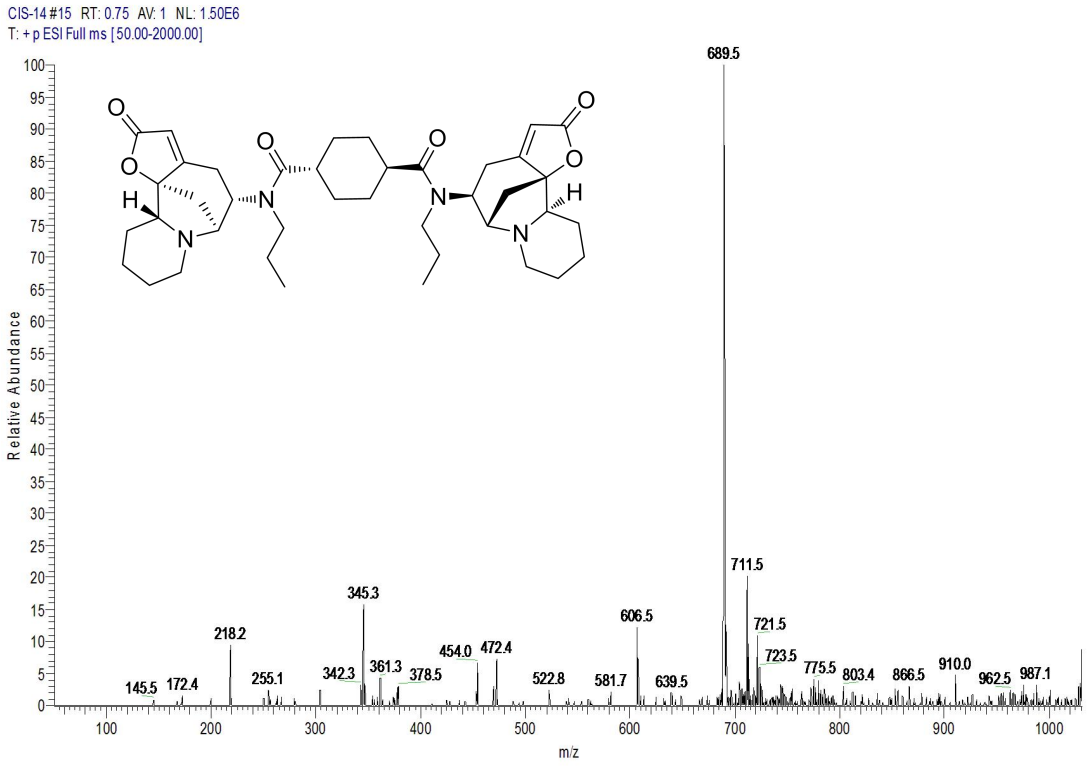
^{1}H NMR spectrum of **HR3** (300 MHz, $CDCl_3$)



^{13}C NMR spectrum of **HR3** (75 MHz, $CDCl_3$)



ESI-MS spectrum of **HR3**



HRMS of compound **HR3**