

Supplementary Material

Synthesis of carboxamide and sulfonyl carboxamide linked heterocycles under green conditions

Lakshmi Teja Gaddam, Sreenivasulu Thata, Padmaja Adivireddy, and Padmavathi Venkatapuram

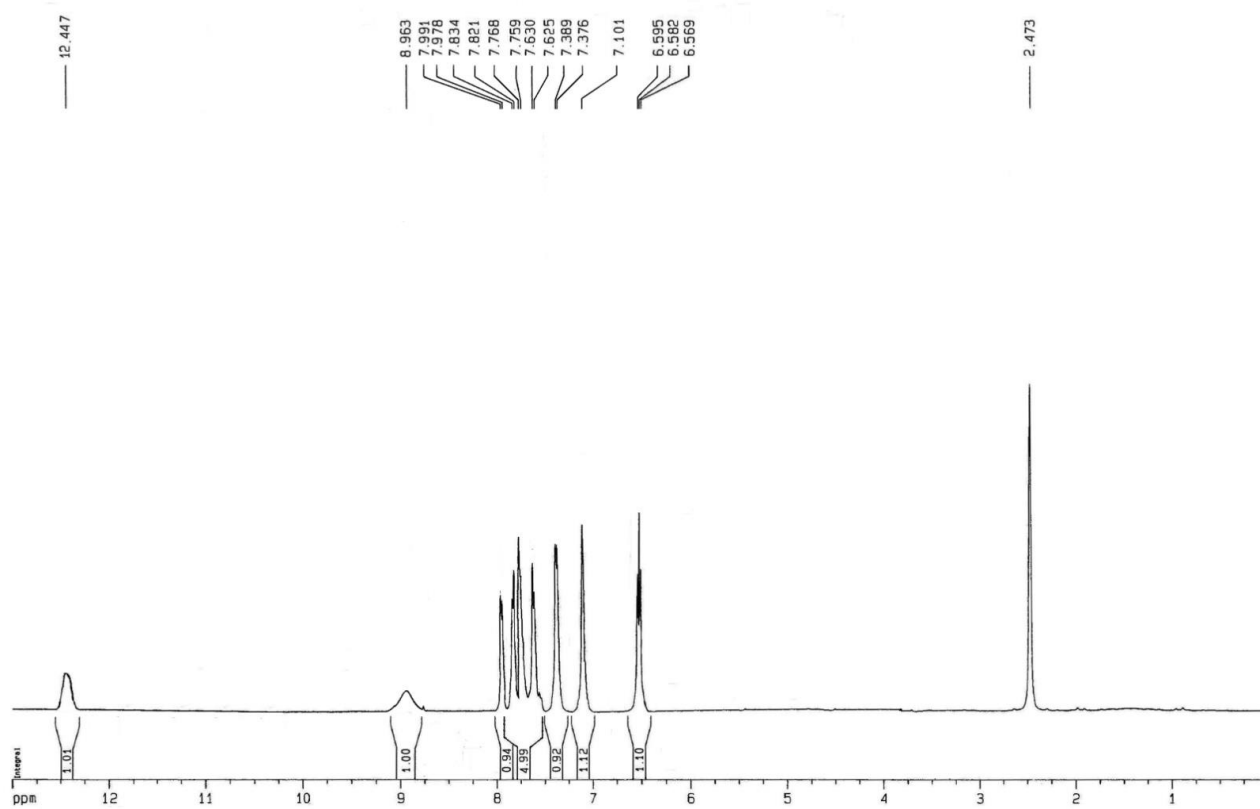
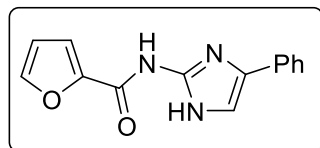
Department of Chemistry, Sri Venkateswara University, Tirupati 517 502, Andhra Pradesh, India

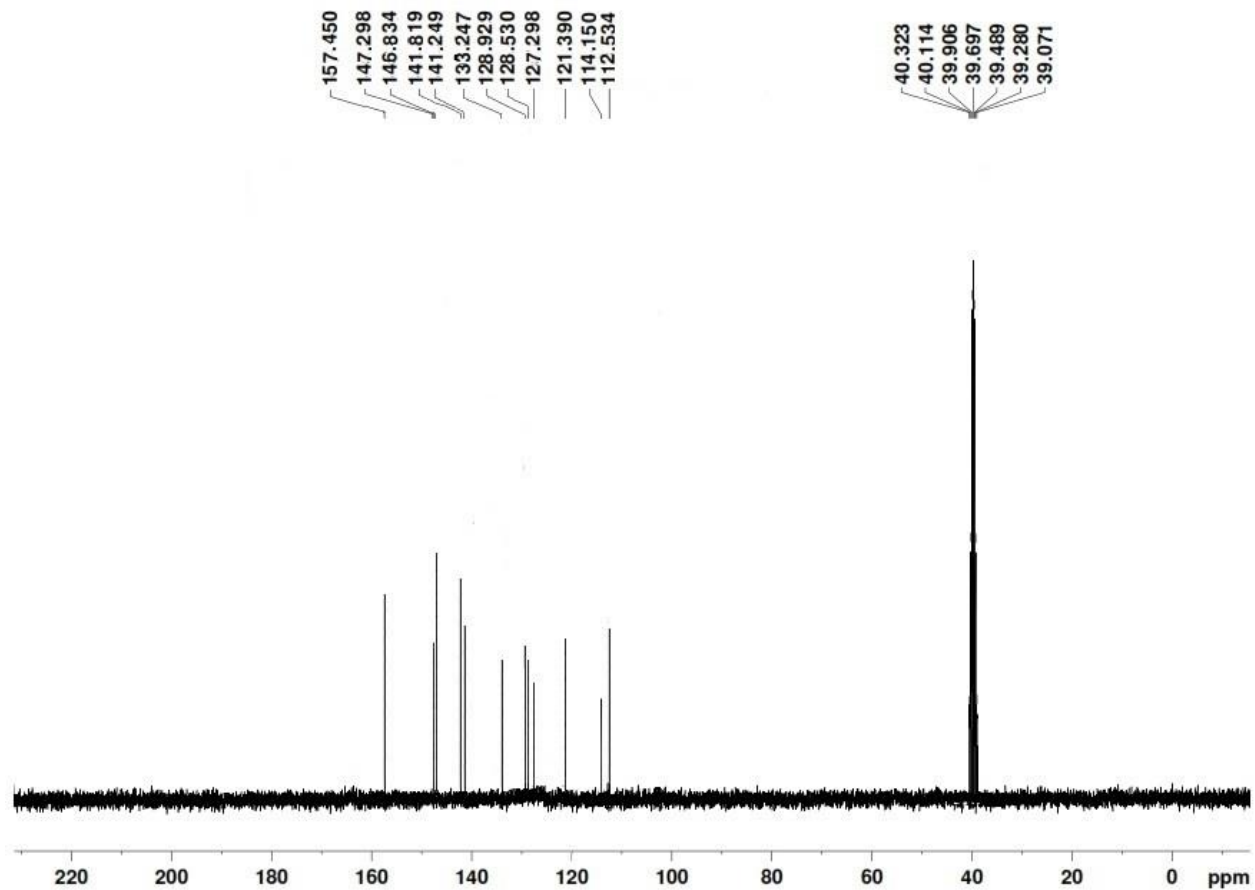
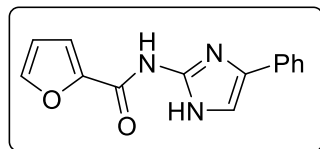
Email: vkpuram2001@yahoo.com

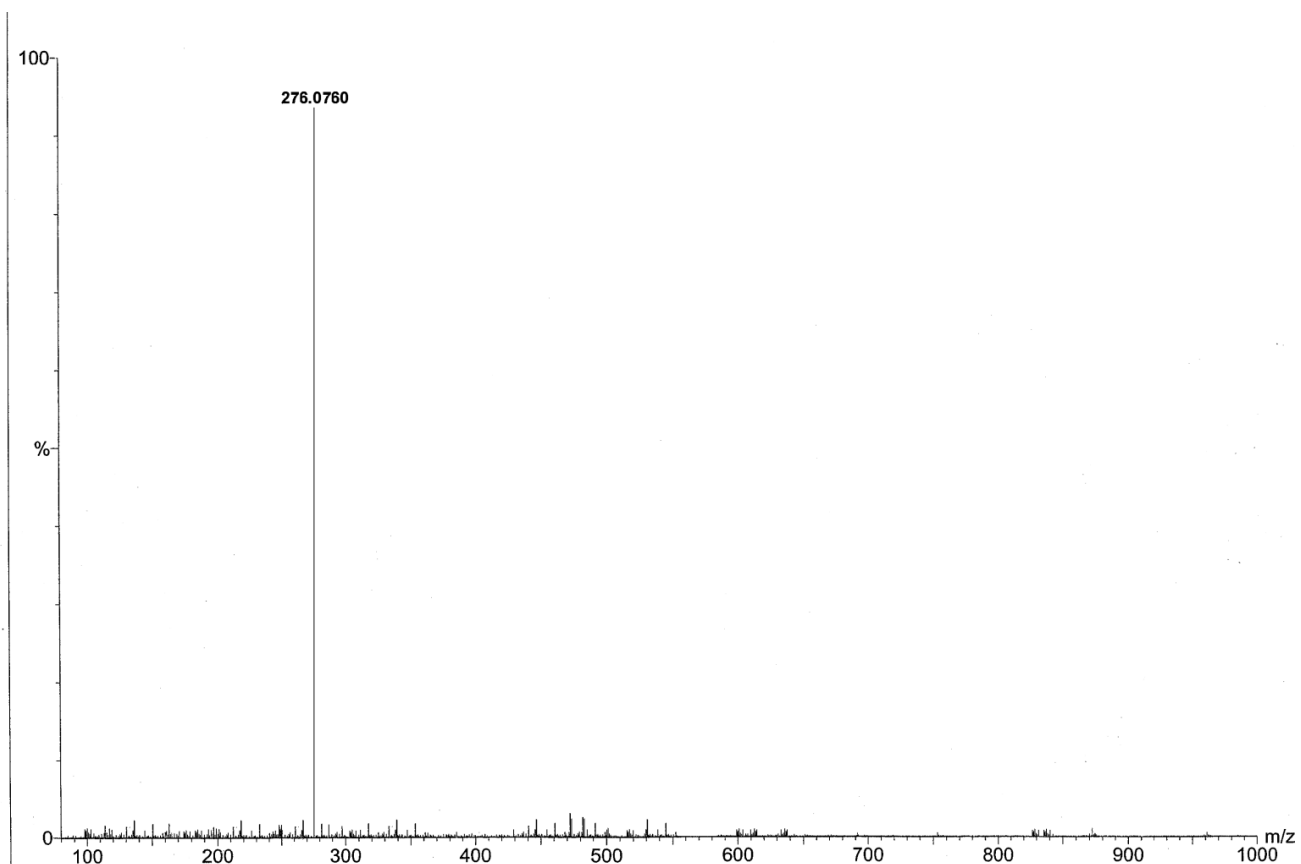
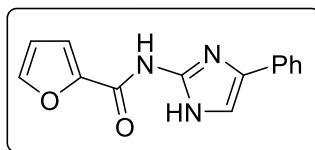
Table of Contents

1. ¹ H NMR spectra of the starting compound 3a	S2
2. ¹³ C NMR spectrum of compound 3a	S3
3. HRMS spectrum of compound 3a	S4
4. ¹ H NMR spectra of the starting compound 3g	S5
5. ¹³ C NMR spectrum of compound 3g	S6
6. HRMS spectrum of compound 3g	S7
7. ¹ H NMR spectra of the starting compound 5a	S8
8. ¹³ C NMR spectrum of compound 5a	S9
9. HRMS spectrum of compound 5a	S10
10. ¹ H NMR spectra of the starting compound 5g	S11
11. ¹³ C NMR spectrum of compound 5g	S12
12. HRMS spectrum of compound 5g	S13

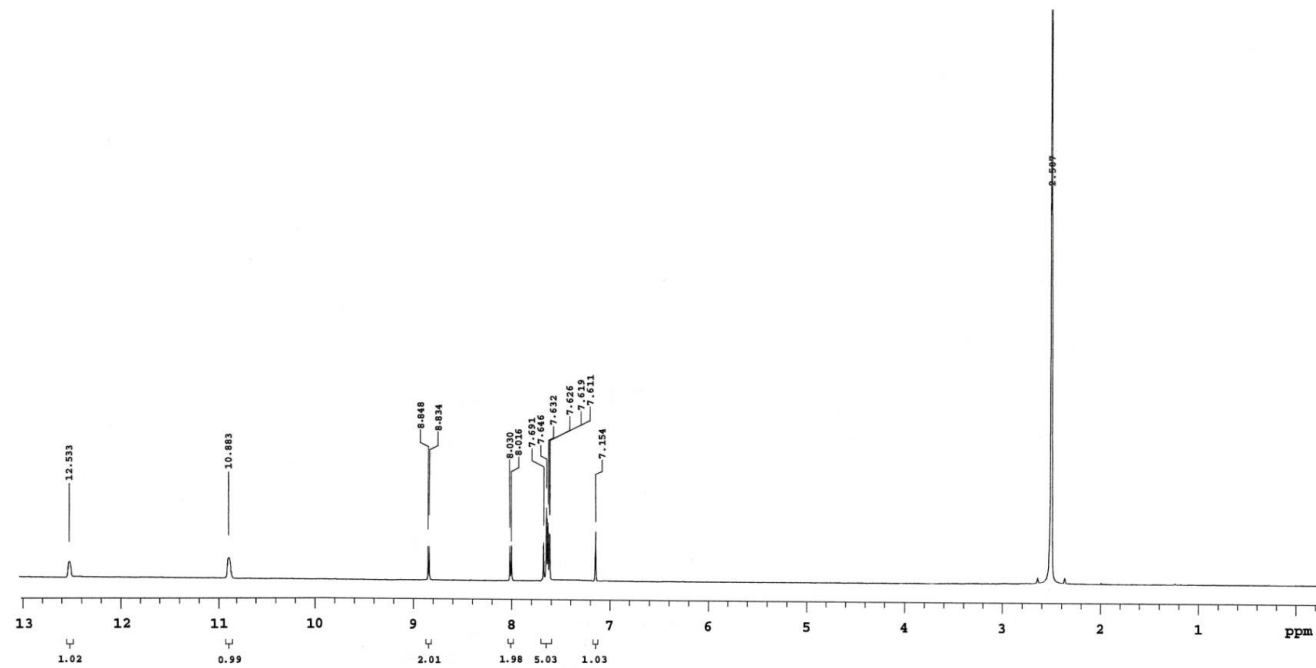
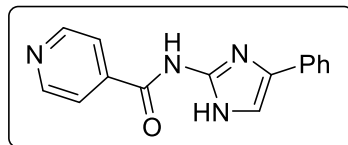
¹H NMR spectrum of compound **3a**



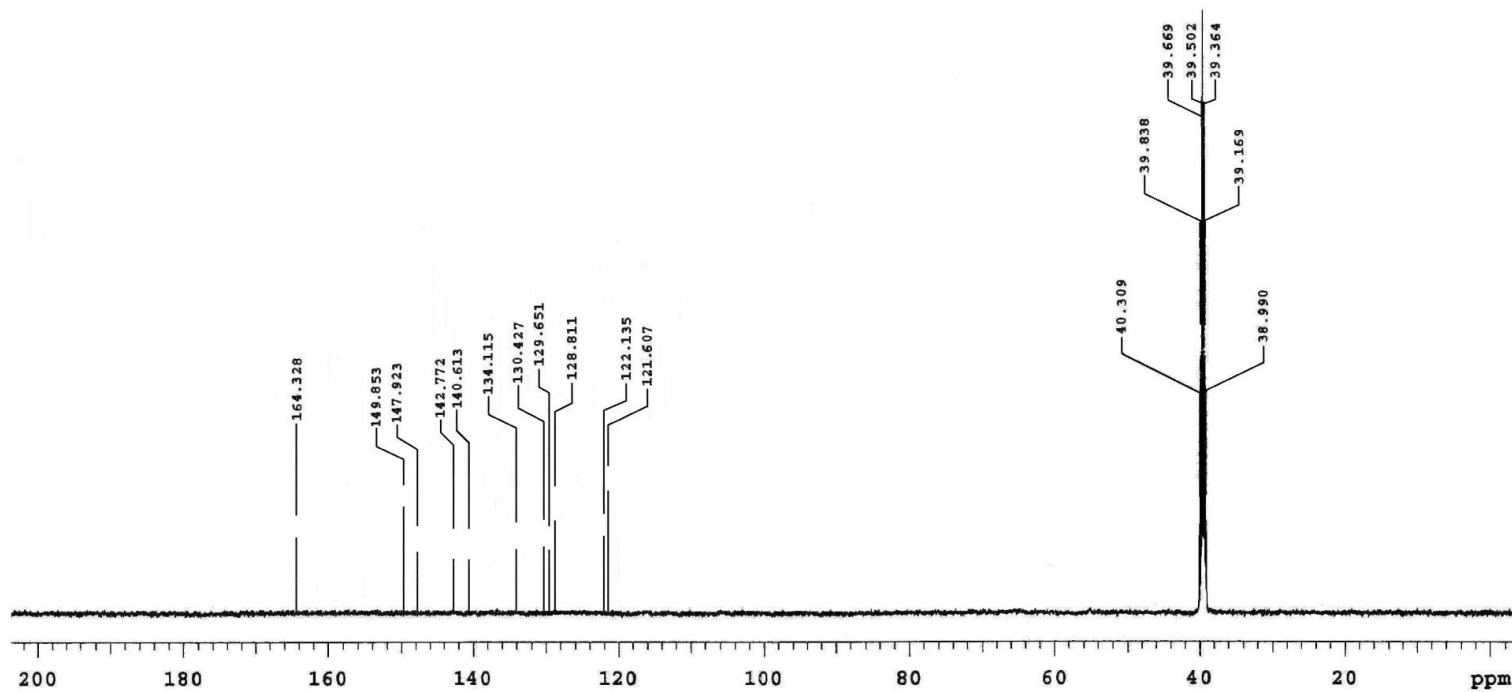
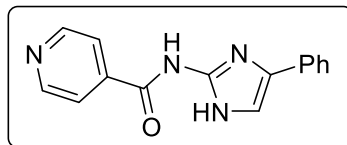
¹³C NMR spectrum of compound **3a**

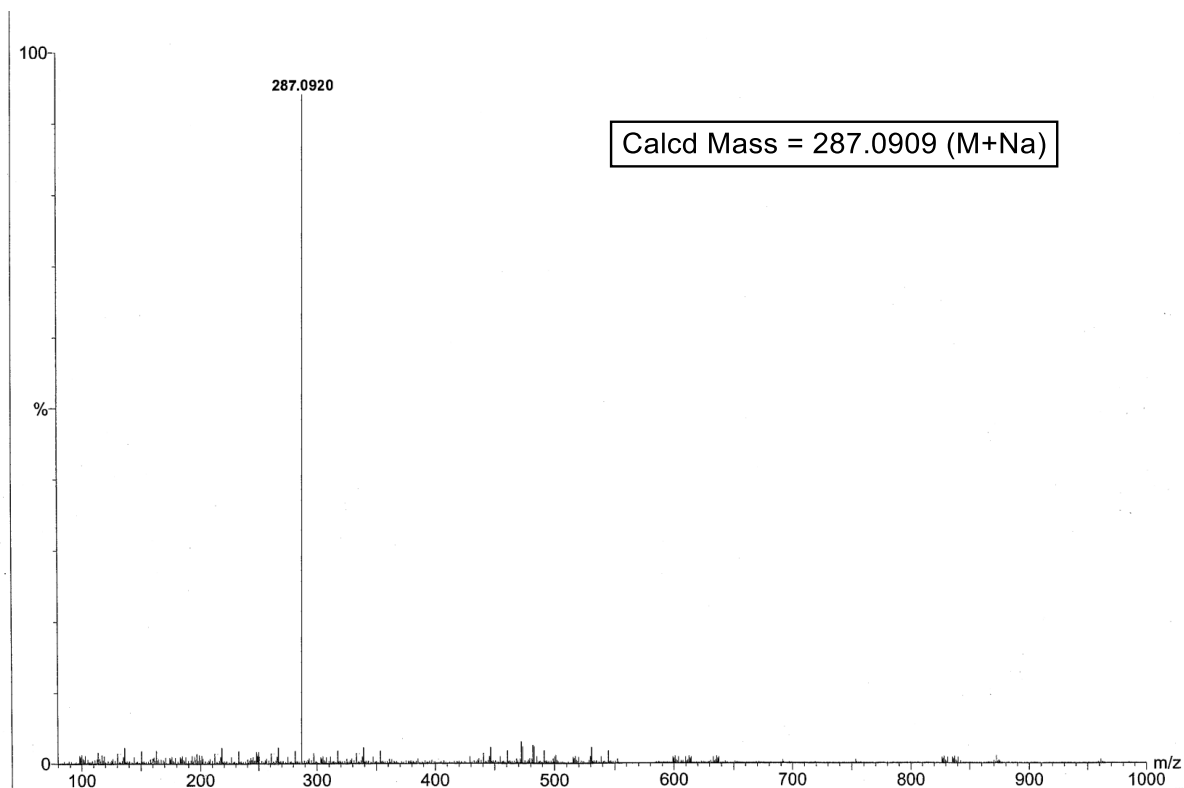
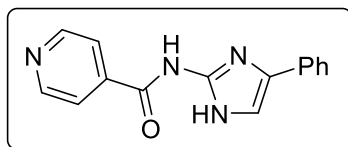
HRMS spectrum of compound **3a**

^1H NMR spectrum of compound **3g**

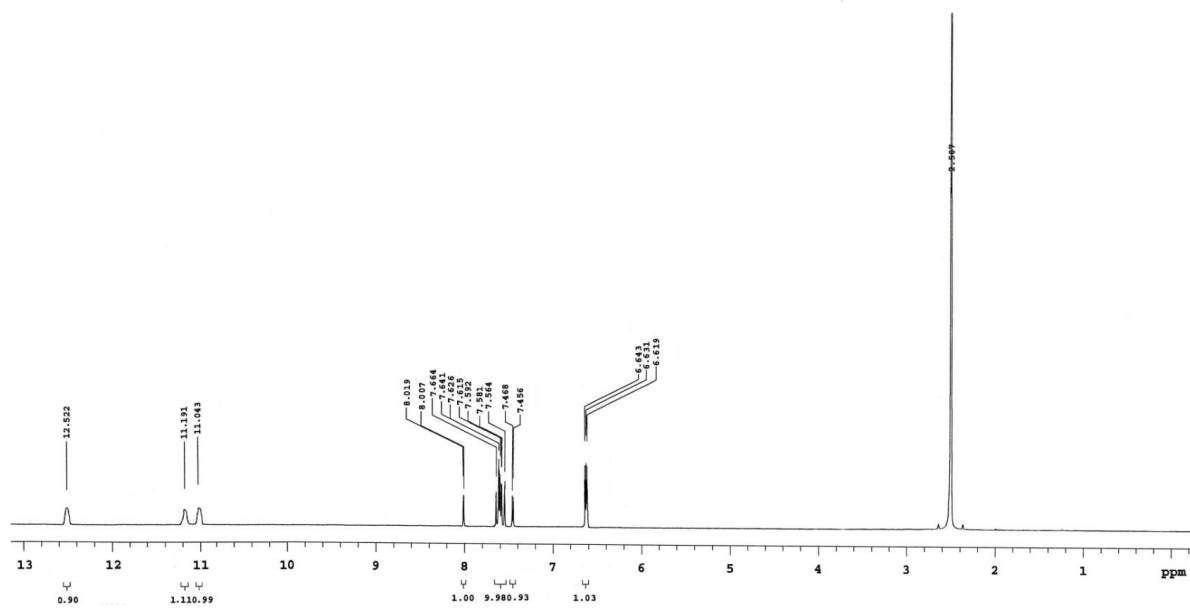
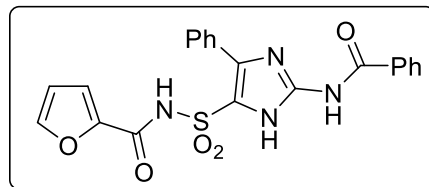


^{13}C NMR spectrum of compound **3g**

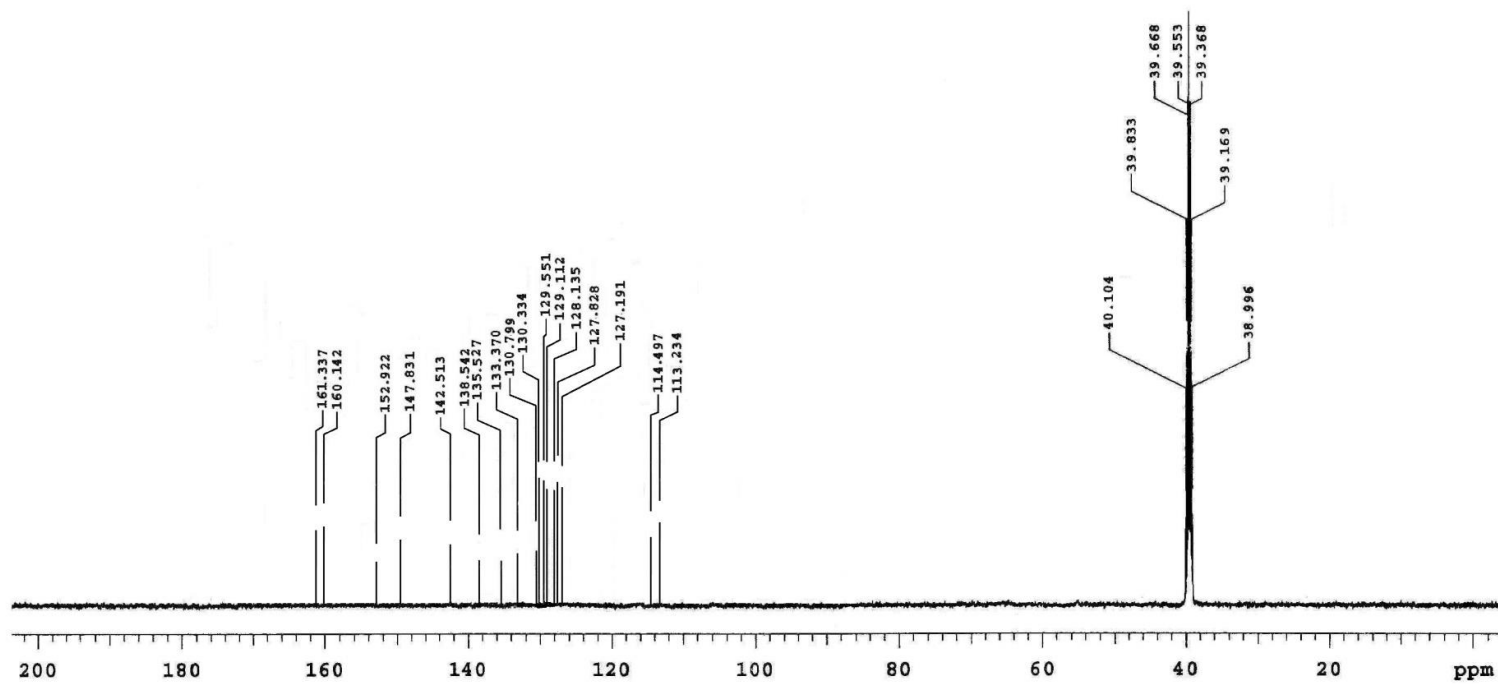
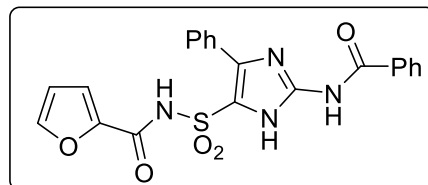


HRMS spectrum of compound **3g**

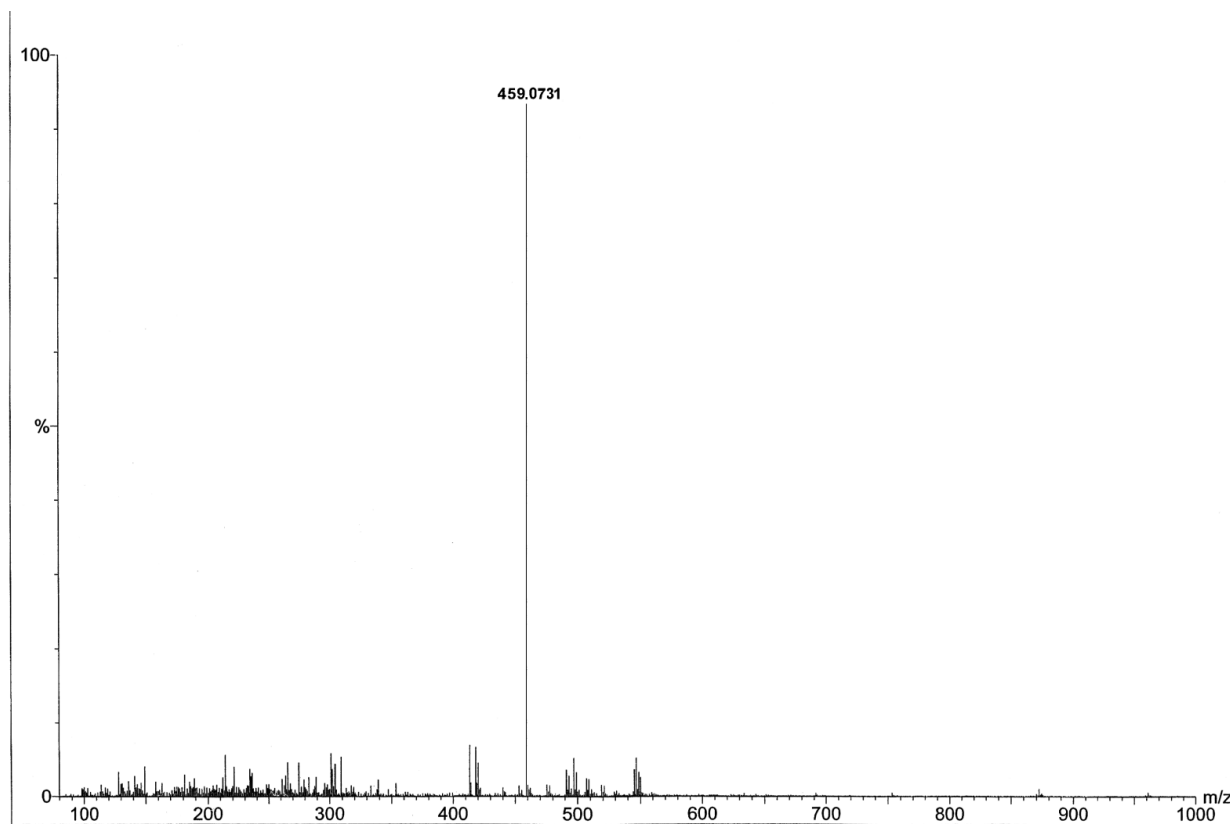
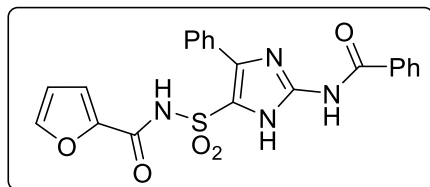
¹H NMR spectrum of compound **5a**



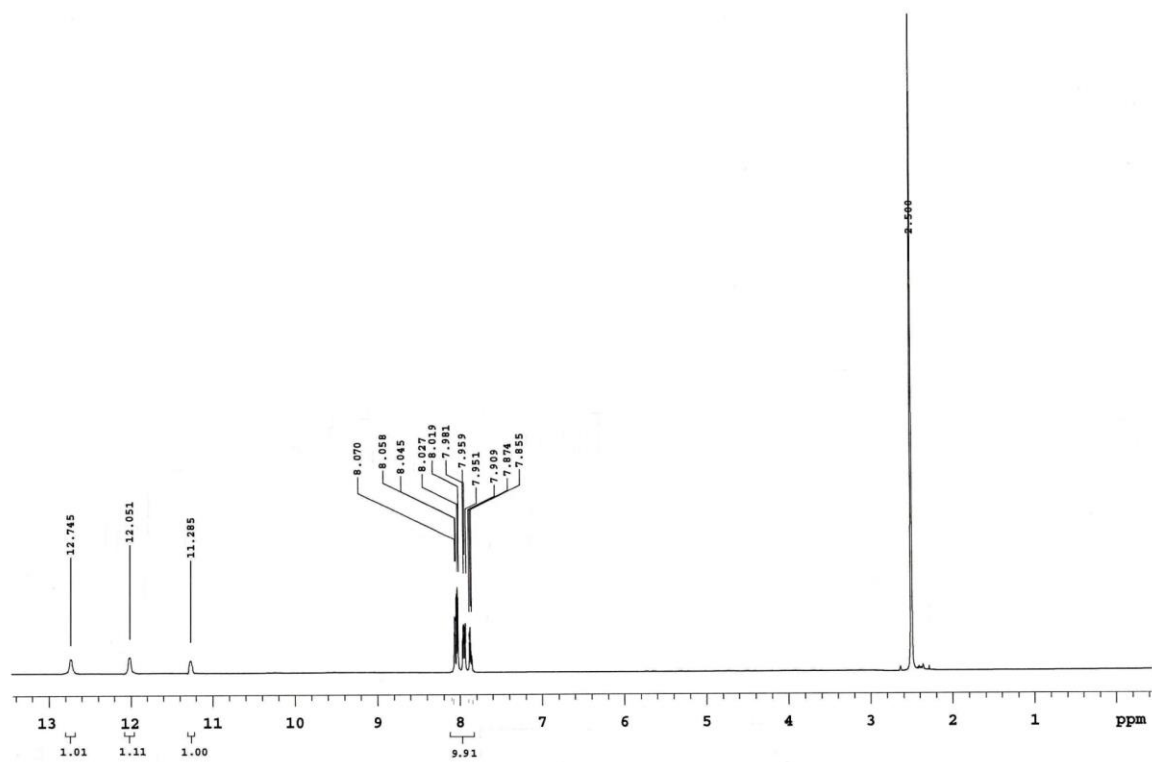
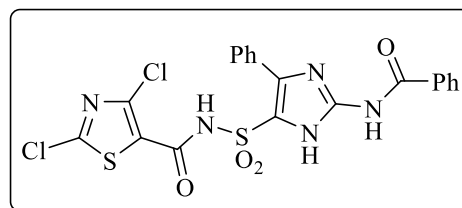
^{13}C NMR spectrum of compound 5a



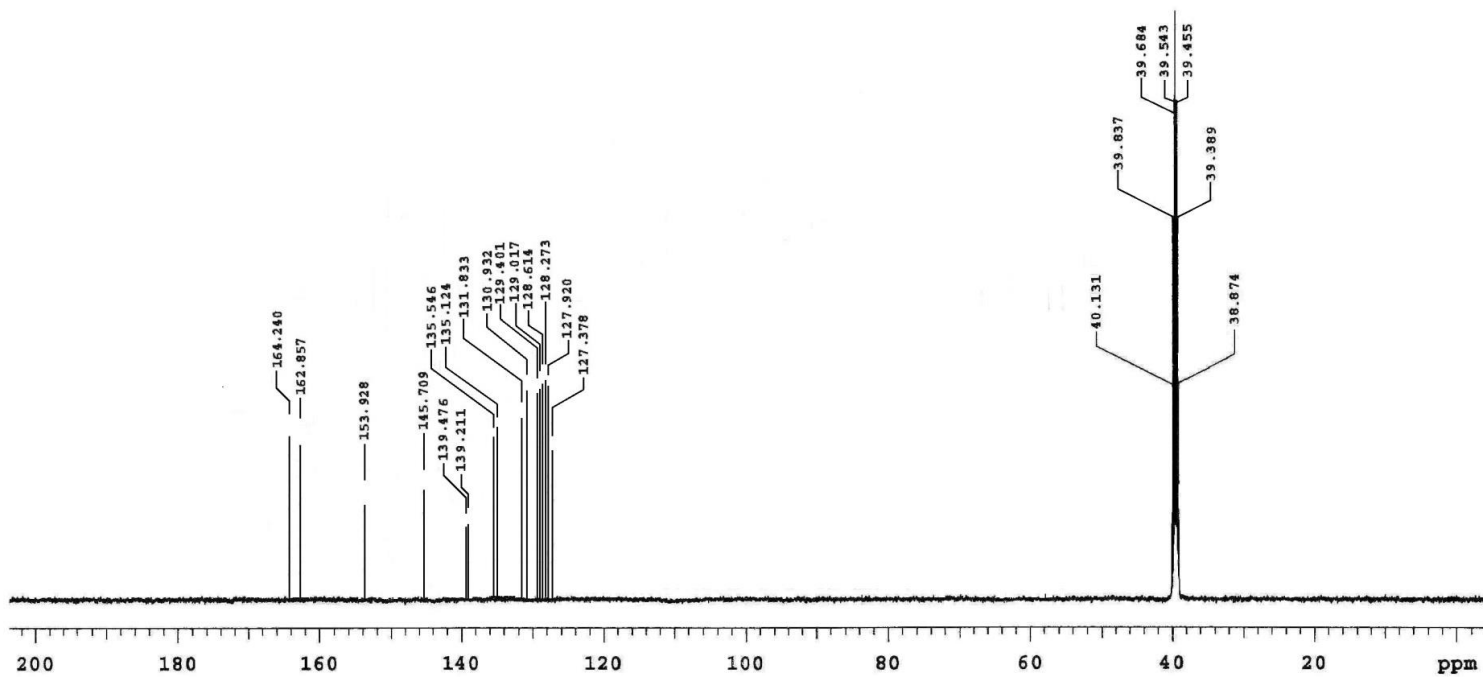
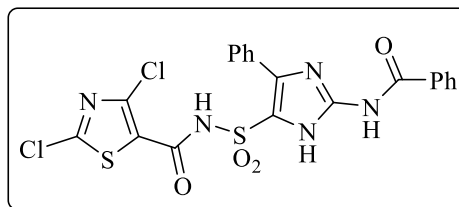
HRMS spectrum of compound 5a



^1H NMR spectrum of compound **5g**



^{13}C NMR spectrum of compound **5g**



HRMS spectrum of compound **5g**