

SYNTHESIS AND BIOLOGICAL ACTIVITY OF 7-(2-(1H-1,2,4-TRIAZOL-1-YL) ETHOXY)-4-(STYRYL/4-SUBSTITUTED STYRYL)-2H-CHROMEN-2-ONE

Jayashri D. Bhirud^a, Yogesh B. More^a, Pankaj D. Baviskar^a and

Hemant P. Narkhede^{*b}

^a School of Chemical Sciences, Kce's Moolji Jaitha College, Jalgaon(Autonomous) 425 002, India.

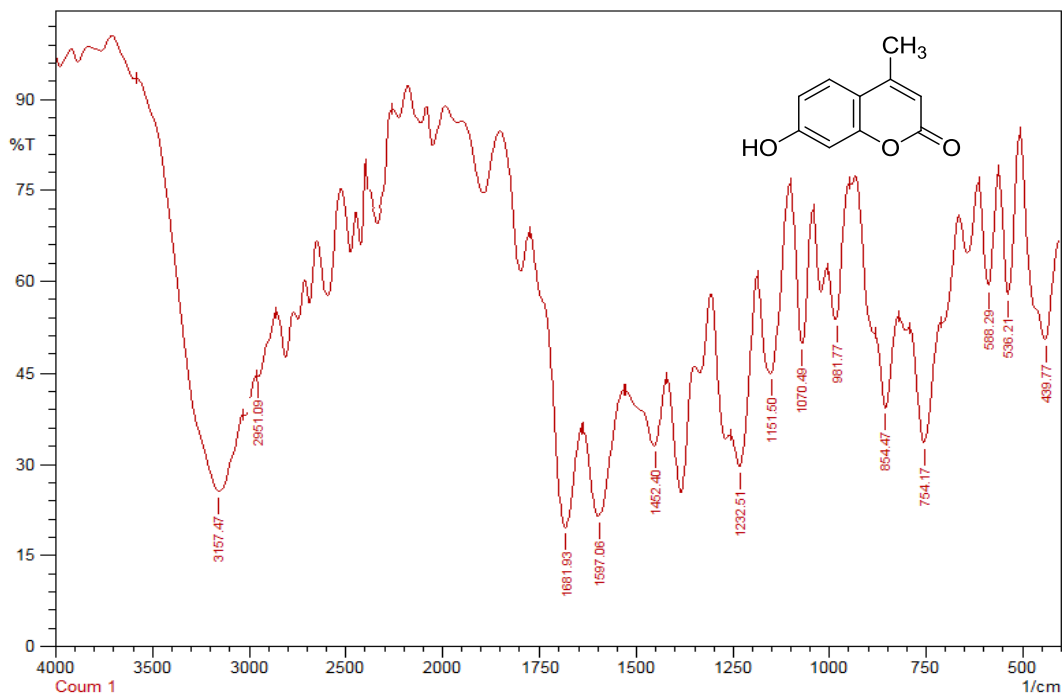
^{b*} Smt. P. K. Kotecha Mahila Mahavidyalaya, Bhusawal, Dist-Jalgaon,425 305, India

*E-mail: narkhede.hemant@rediffmail.com

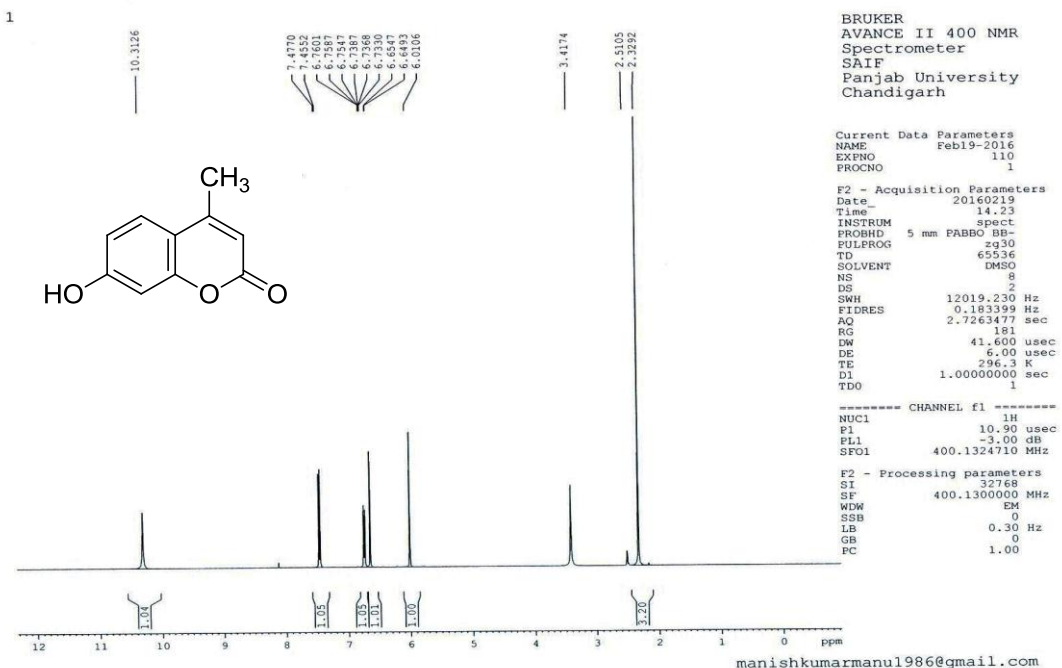
Sr. No	Content	Page No
1	FTIR spectrum of compound [1]	S2
2	¹ H NMR spectrum of compound [1]	S2
3	¹³ C NMR spectrum of compound [1]	S3
4	Mass spectrum of compound [1]	S3
5	FTIR spectrum of compound [3]	S4
6	¹ H NMR spectrum of compound [3]	S4
7	¹³ C NMR spectrum of compound [3]	S5
8	Mass spectrum of compound [3]	S5
9	FTIR spectrum of compound [5]	S6
10	¹ H NMR spectrum of compound [5]	S6
11	¹³ C NMR spectrum of compound [5]	S7
12	Mass spectrum of compound [5]	S7
13	FTIR spectrum of compound [7a]	S8
14	¹ H NMR spectrum of compound [7a]	S8
15	¹³ C NMR spectrum of compound [7a]	S9
16	Mass spectrum of compound [7a]	S9
17	FTIR spectrum of compound [7c]	S10
18	¹ H NMR spectrum of compound [7c]	S10
19	FTIR spectrum of compound [7e]	S11
20	¹ H NMR spectrum of compound [7e]	S11
21	Antimicrobial activity of compounds [7a-e] against selected micro-organisms	S12

5.8 FTIR, ¹H NMR, ¹³C NMR and Mass Spectra

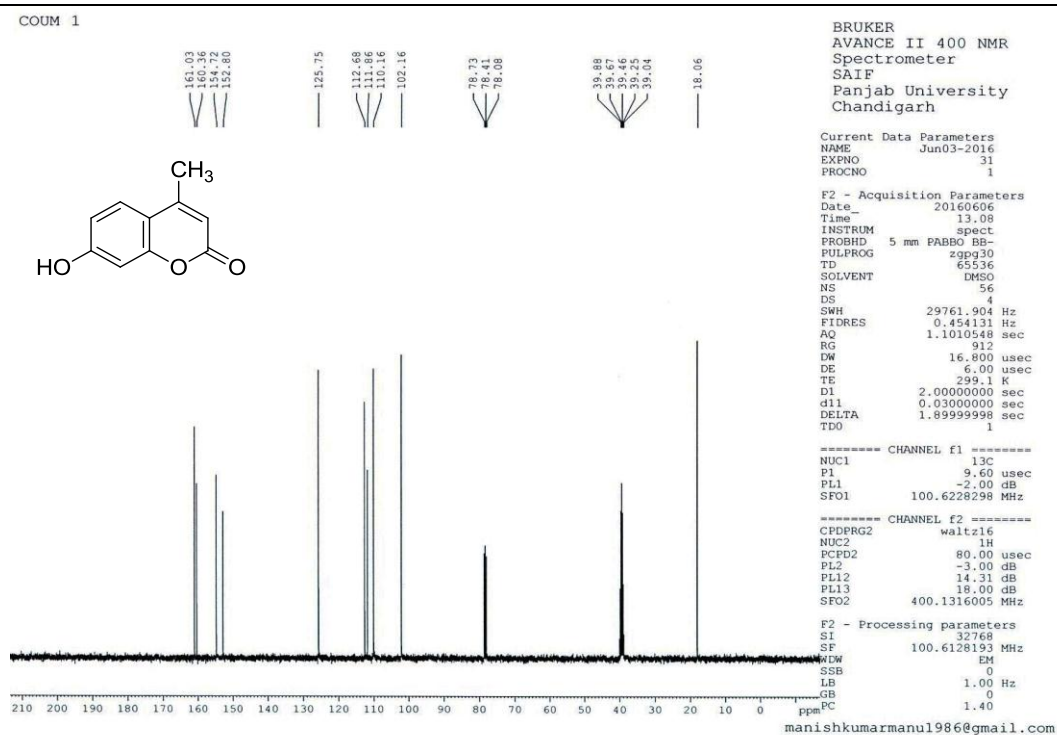
1} FTIR spectra of [1]:



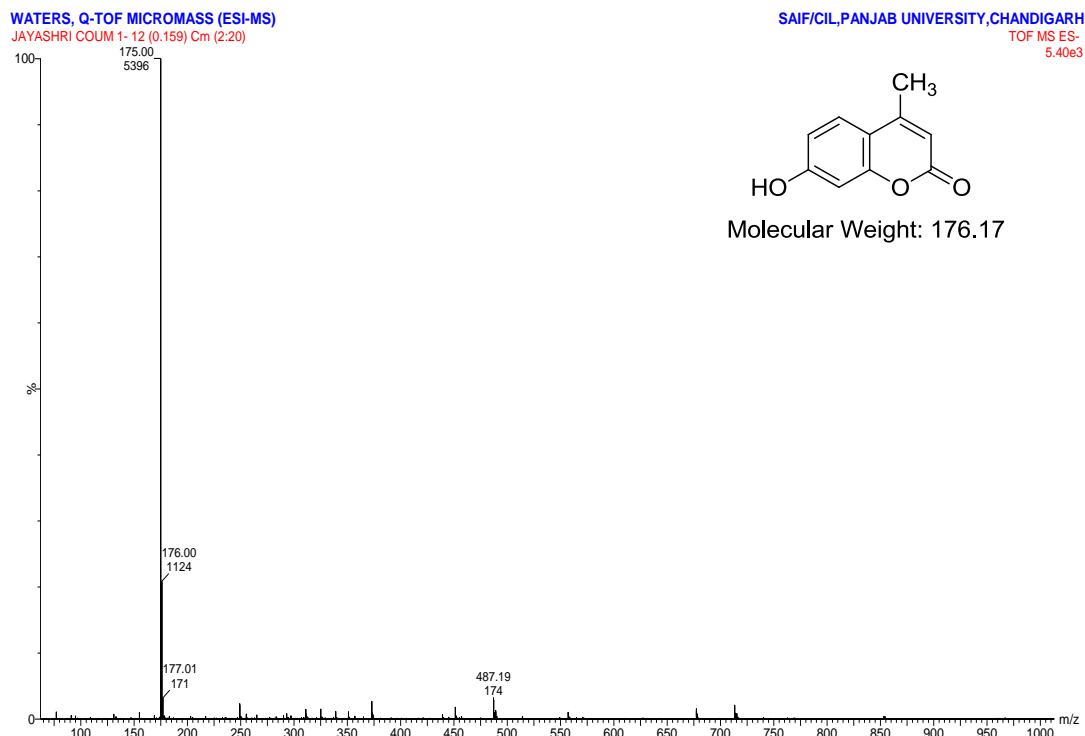
2} ¹H NMR spectra of [1]:



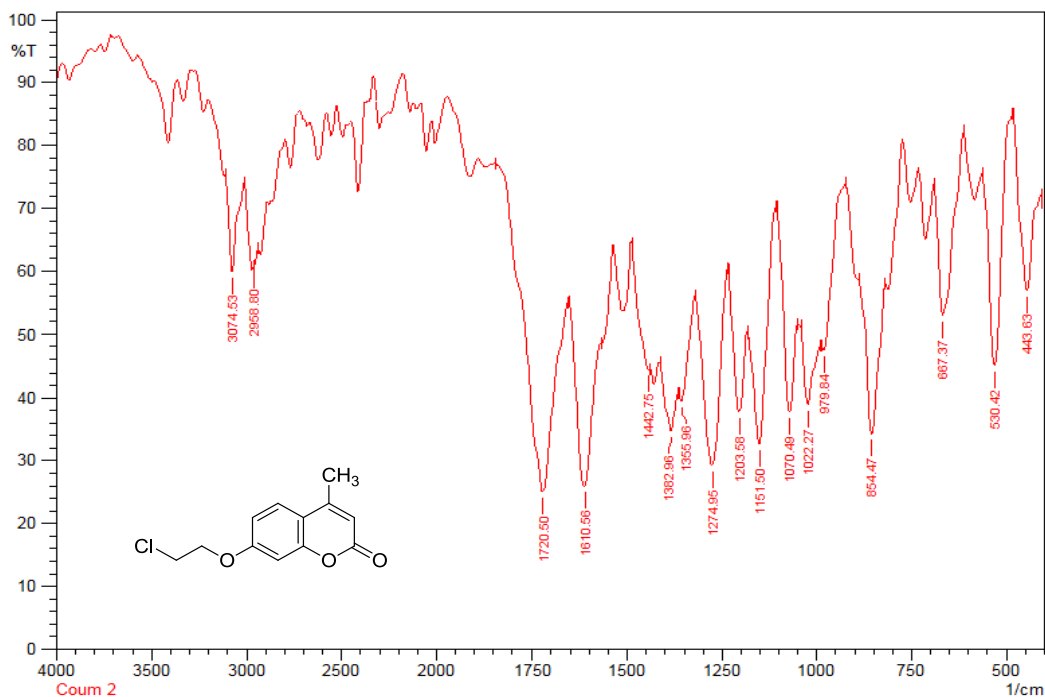
3} ¹³C NMR spectra of [1]:



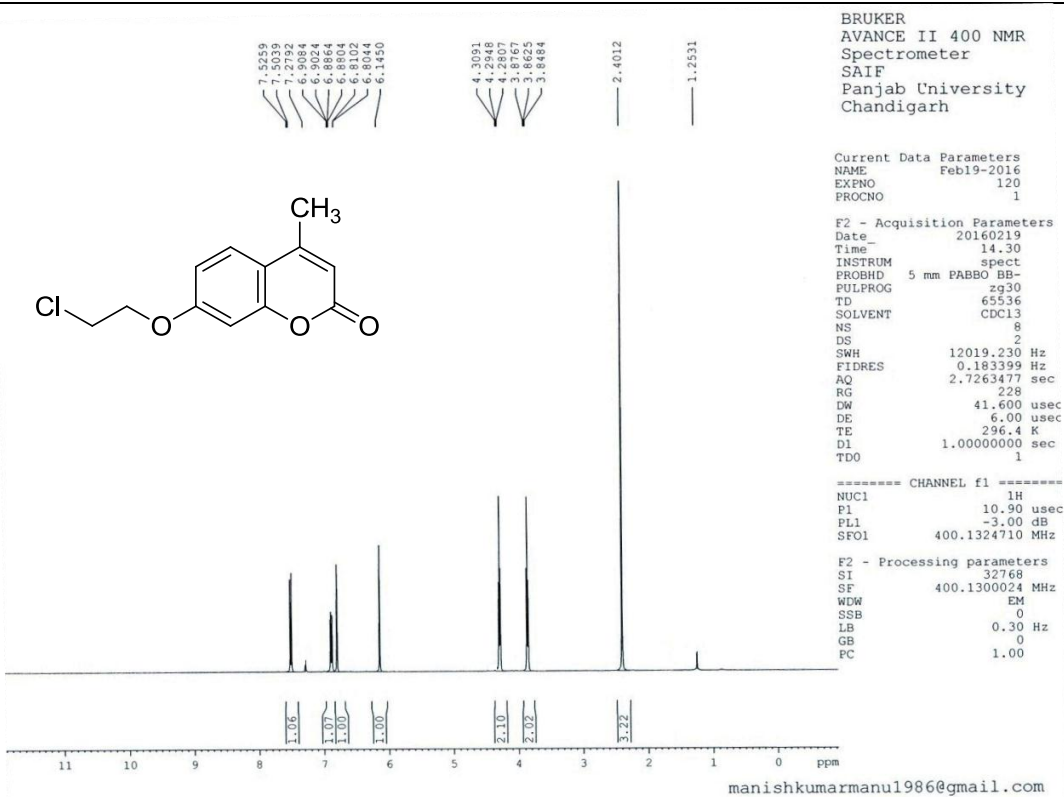
4} Mass spectra of [1]:



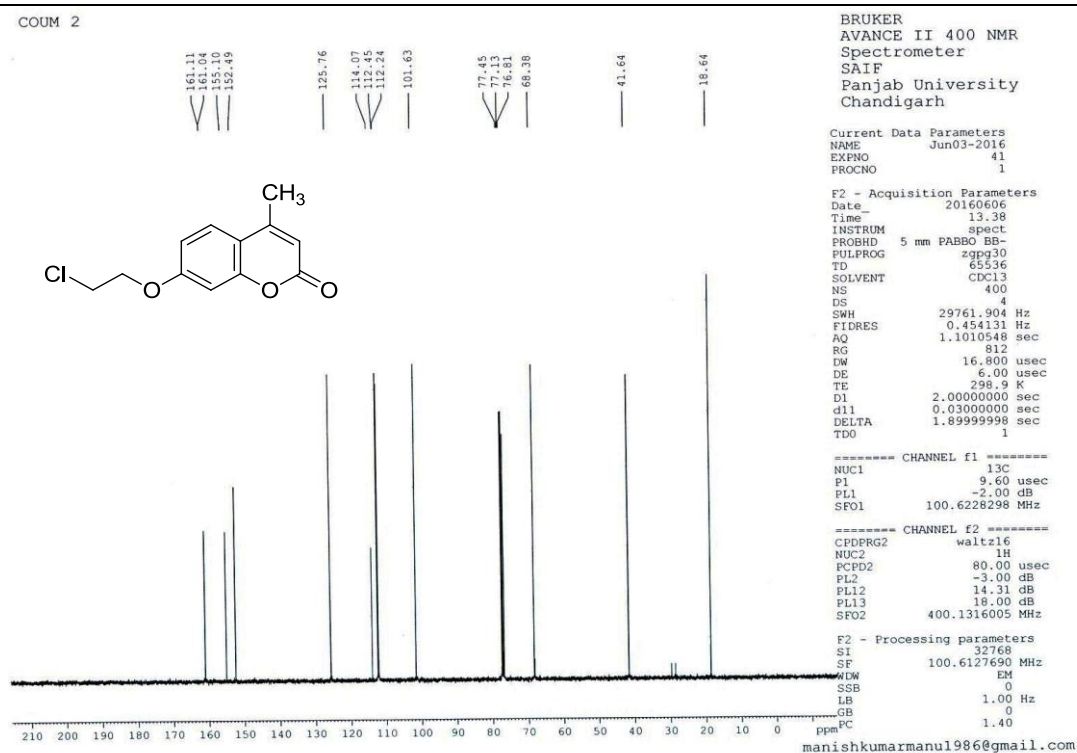
5} FTIR spectra of [3]:



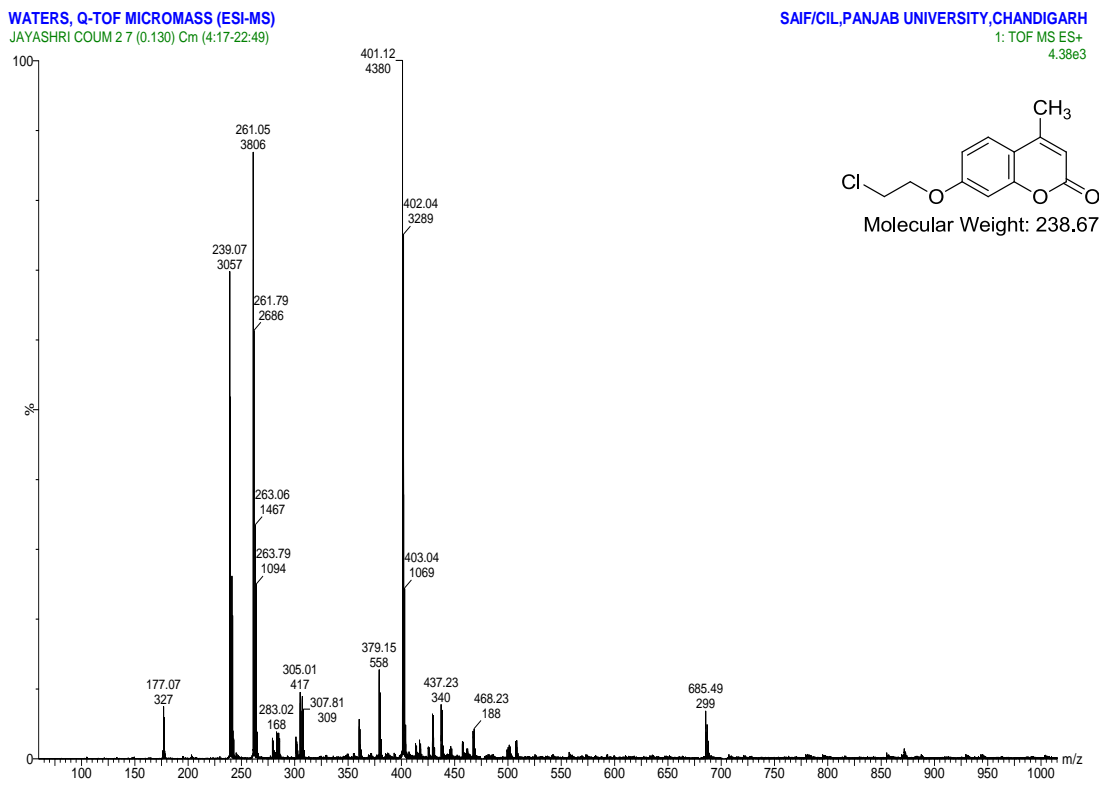
6} ¹H NMR spectra of [3]:



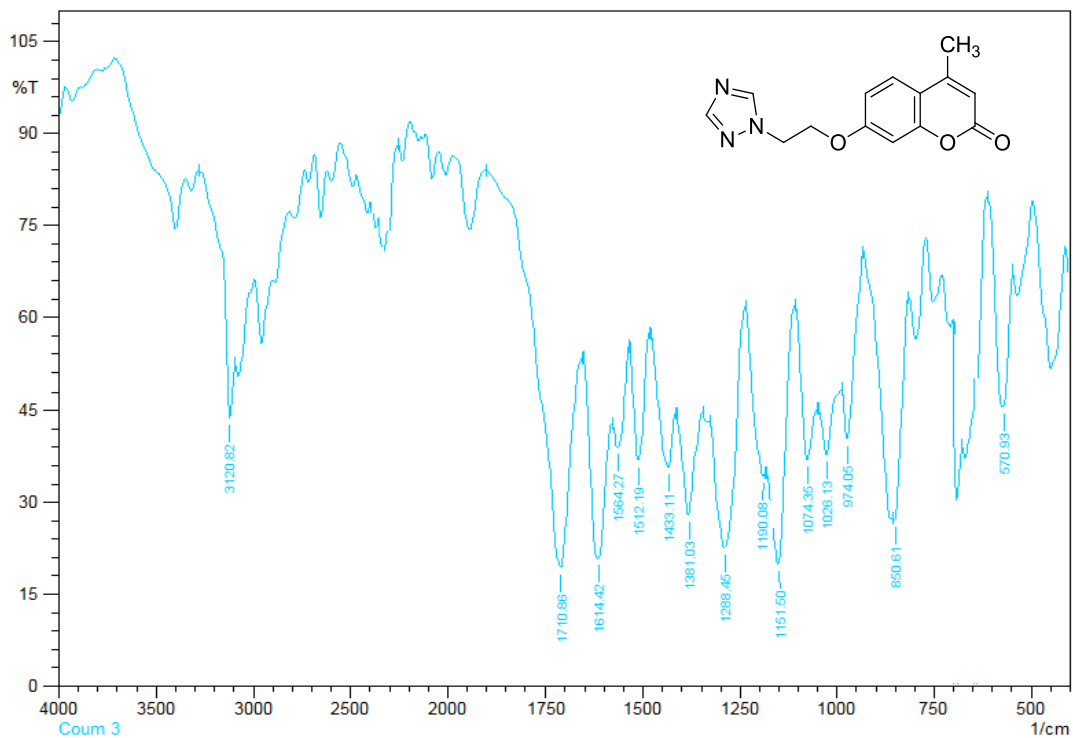
7} ¹³C NMR spectra of [3]:



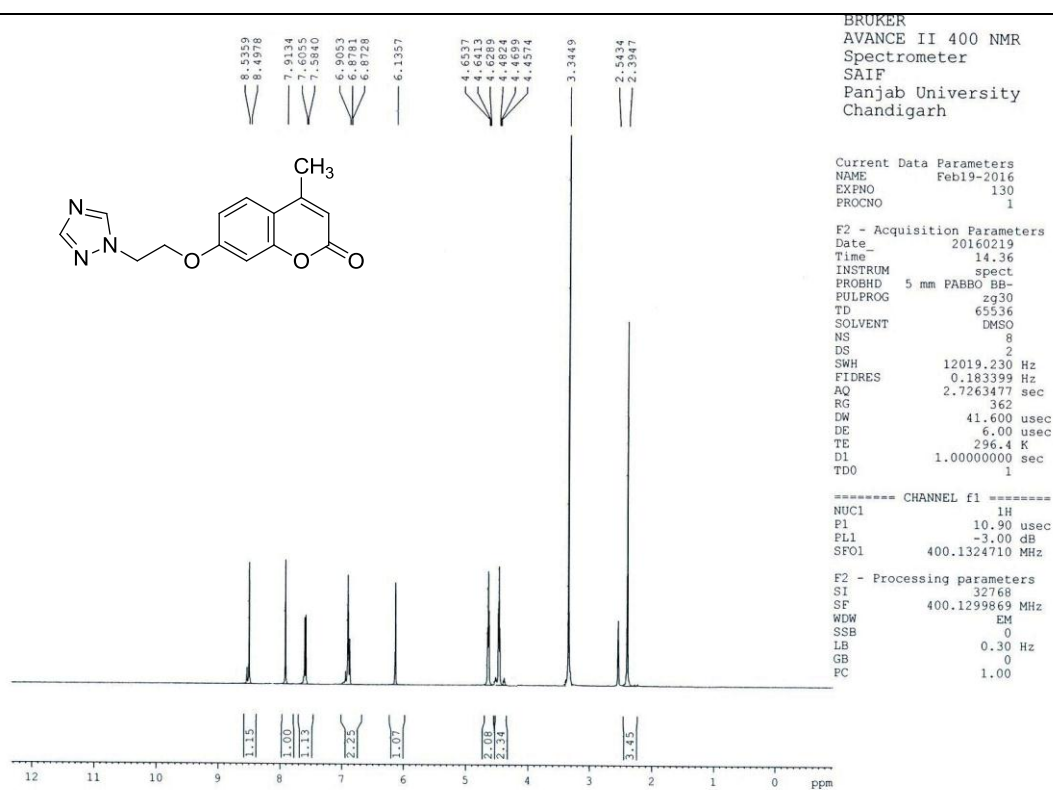
8} Mass spectra of [3]:



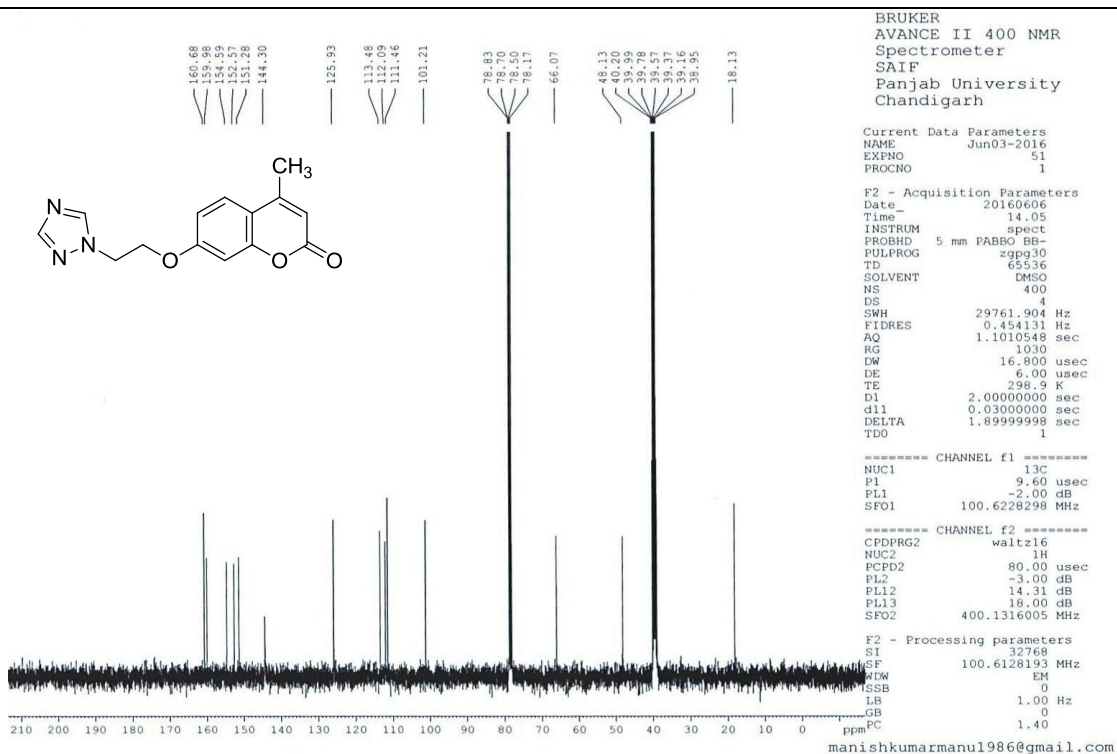
9) FTIR spectra of [5]:



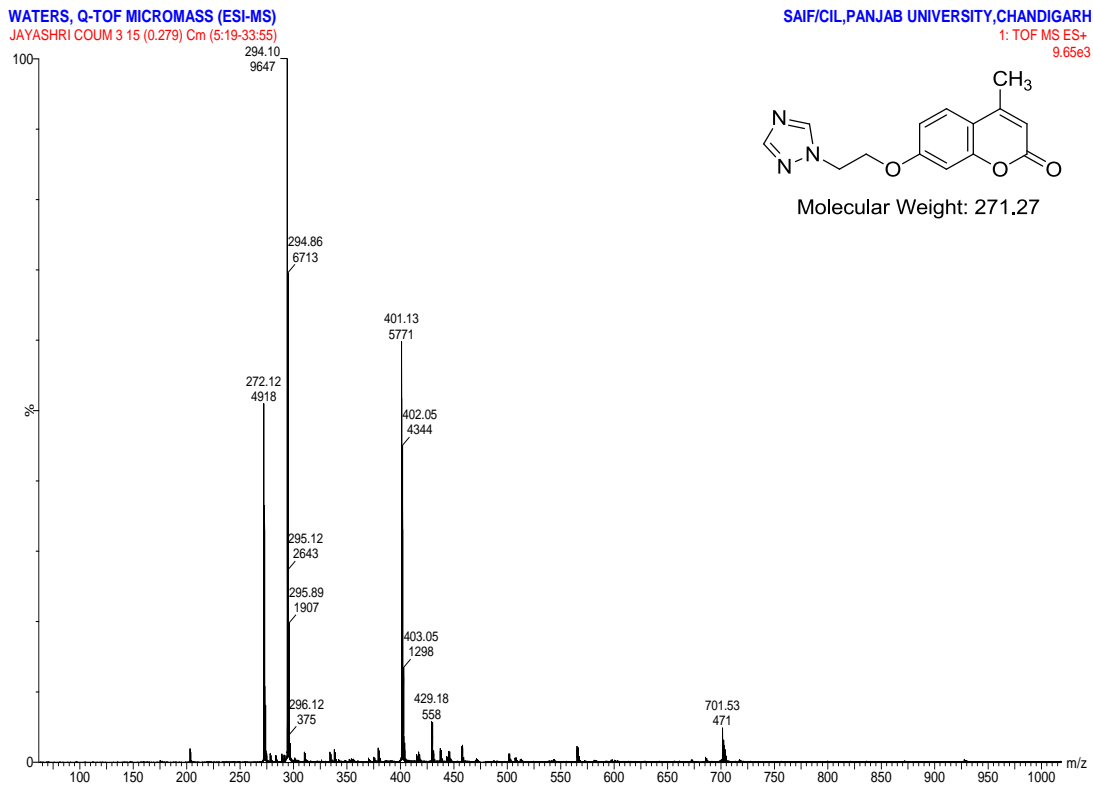
10) ¹H NMR spectra of [5]:



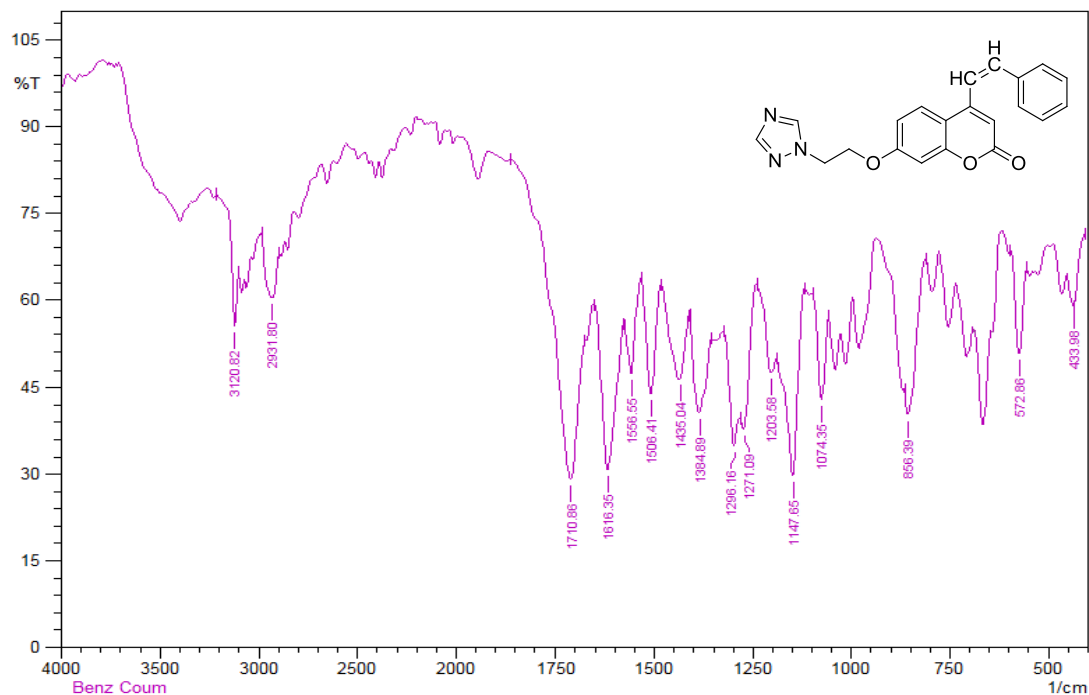
11} ¹³C NMR spectra of [5]:



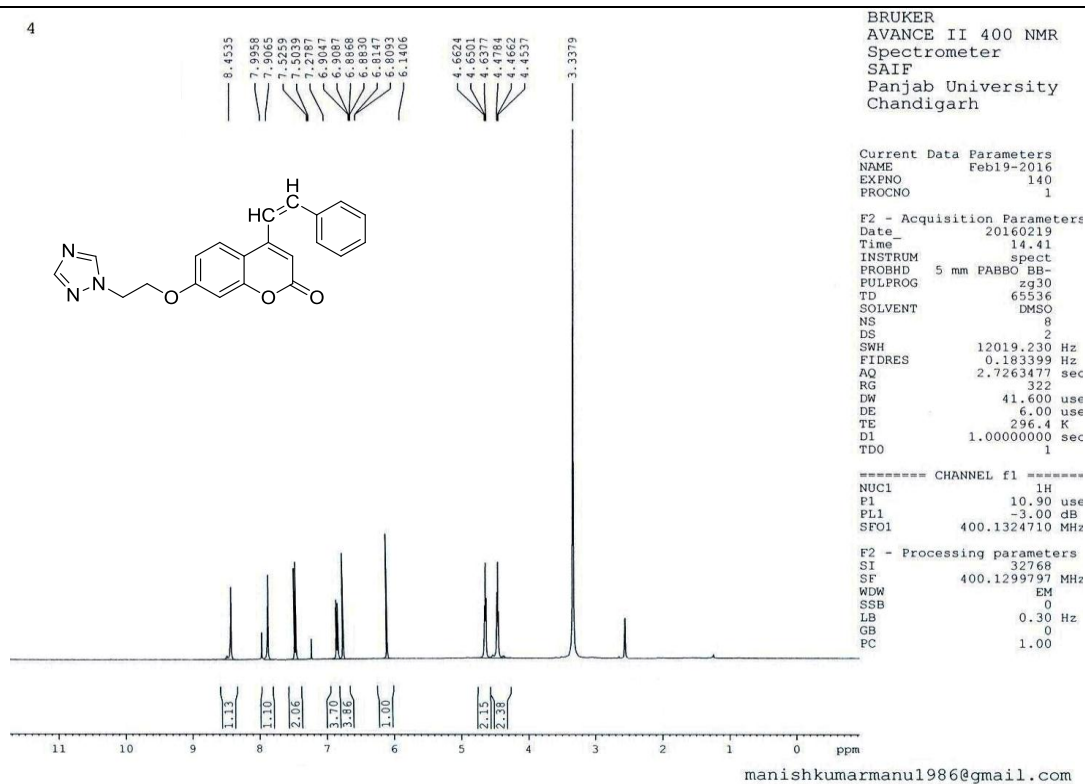
12} Mass spectra of [5]:



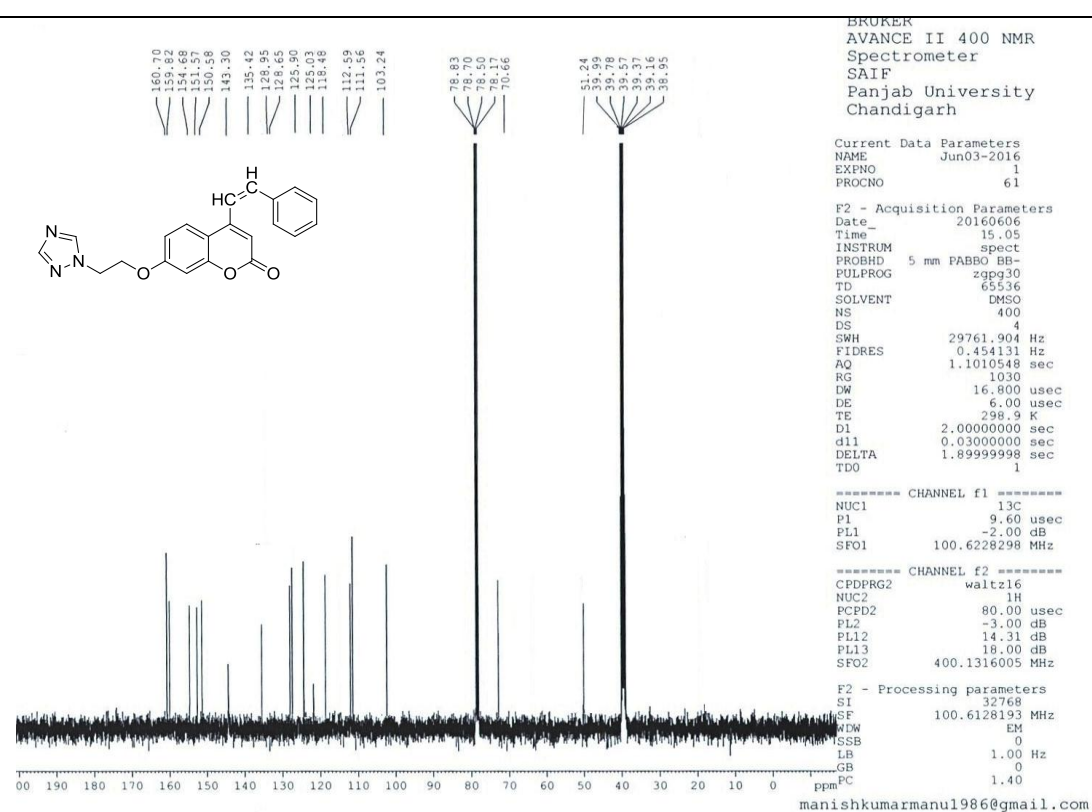
13} FTIR spectra of [7a]:



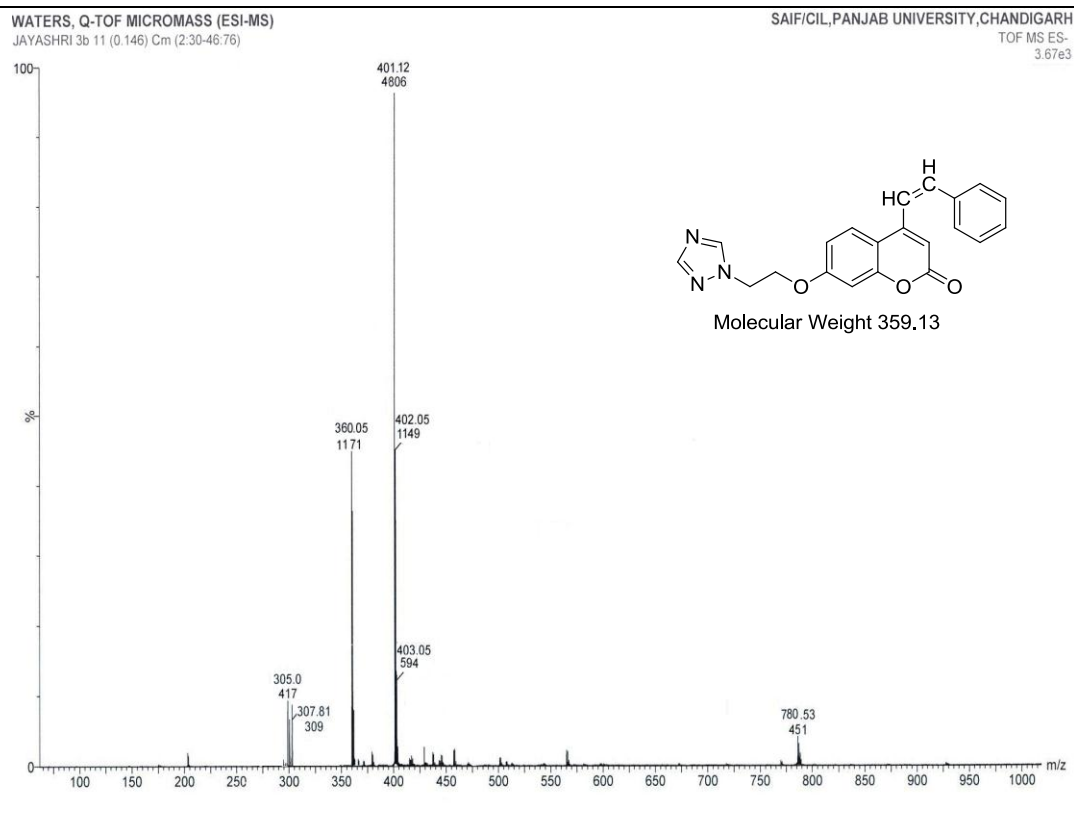
14} ¹H NMR spectra of [7a]:



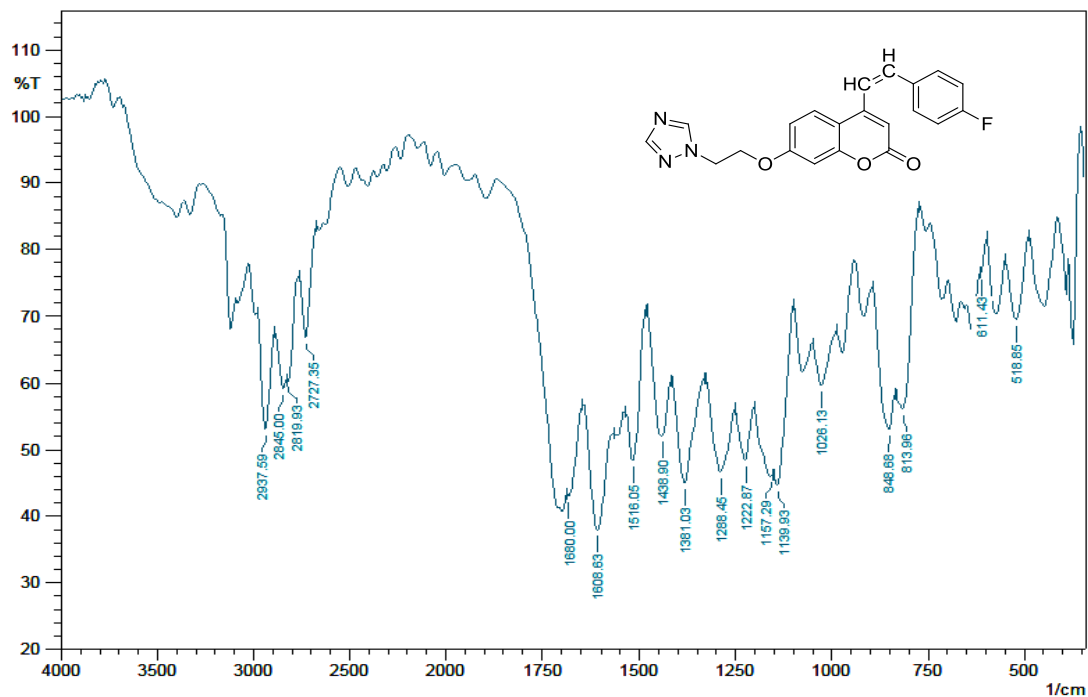
15} ¹³C NMR spectra of [7a]:



16} Mass spectra of [7a]:



17} FTIR spectra of [7c]:



18} ¹H NMR spectra of [7c]:

