

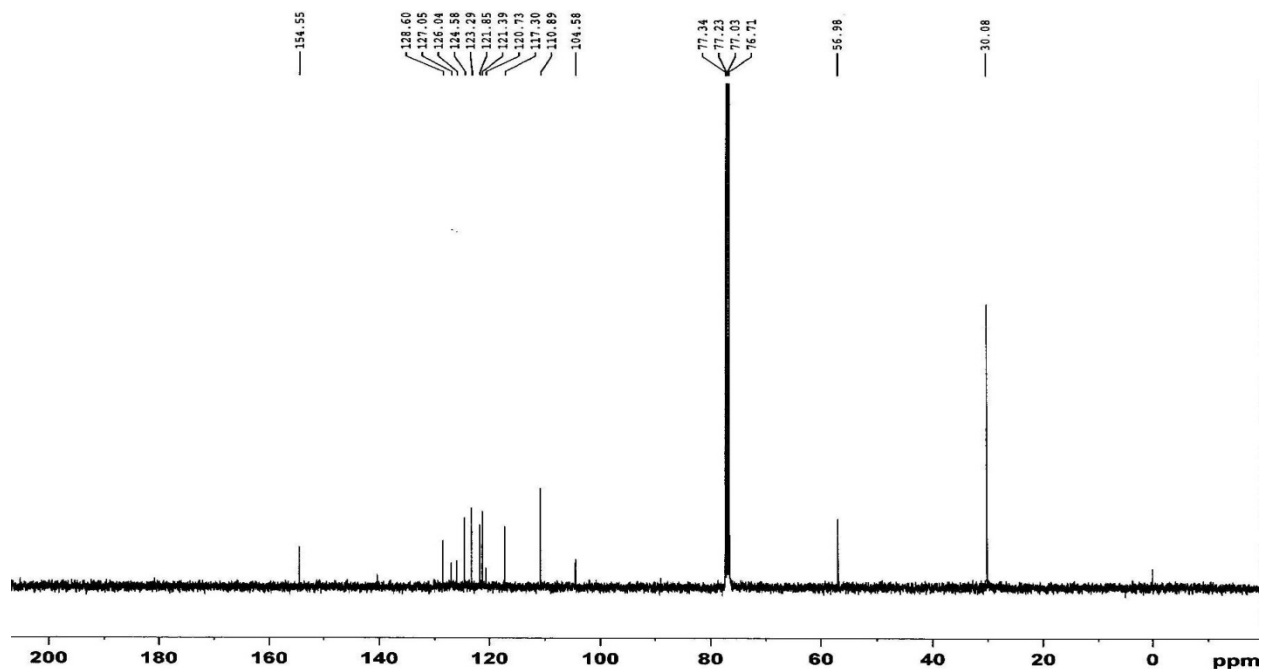
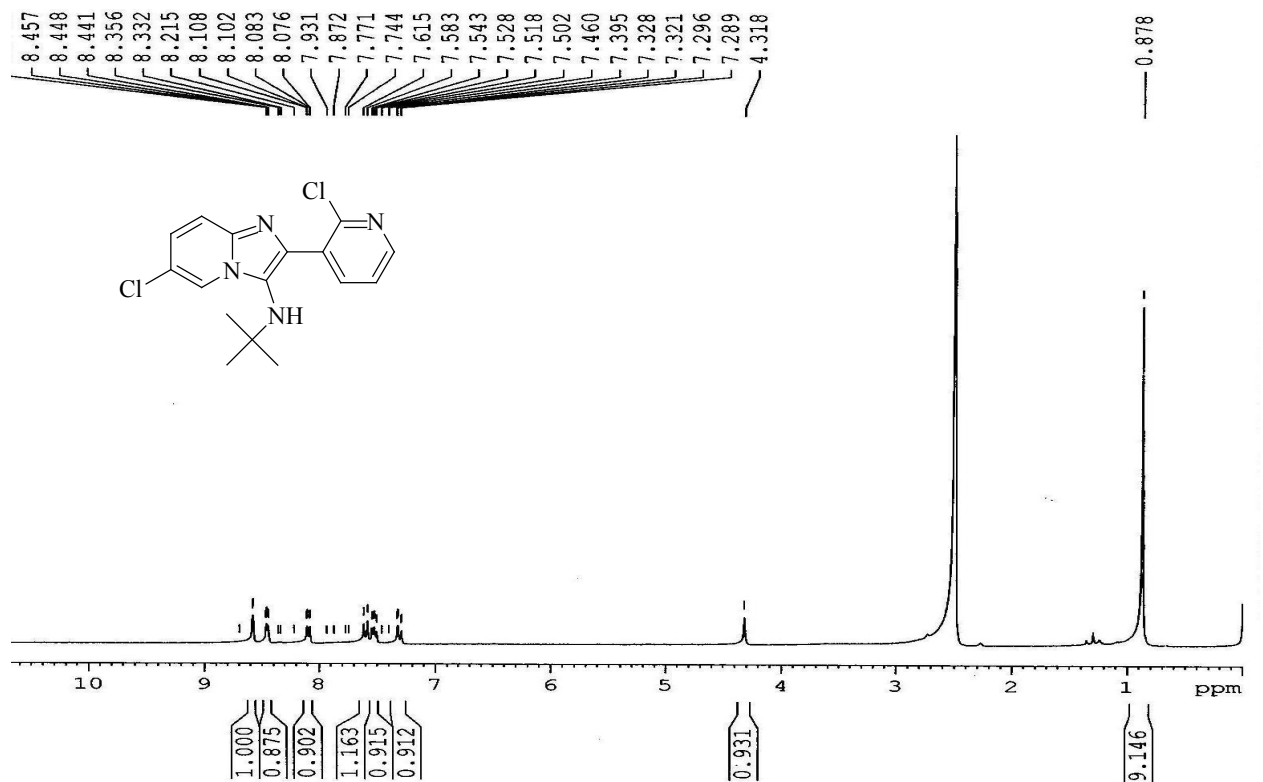
Iodine-catalyzed three component reaction; A novel synthesis of 2-aryl-imidazo[1,2-*a*]pyridine scaffolds

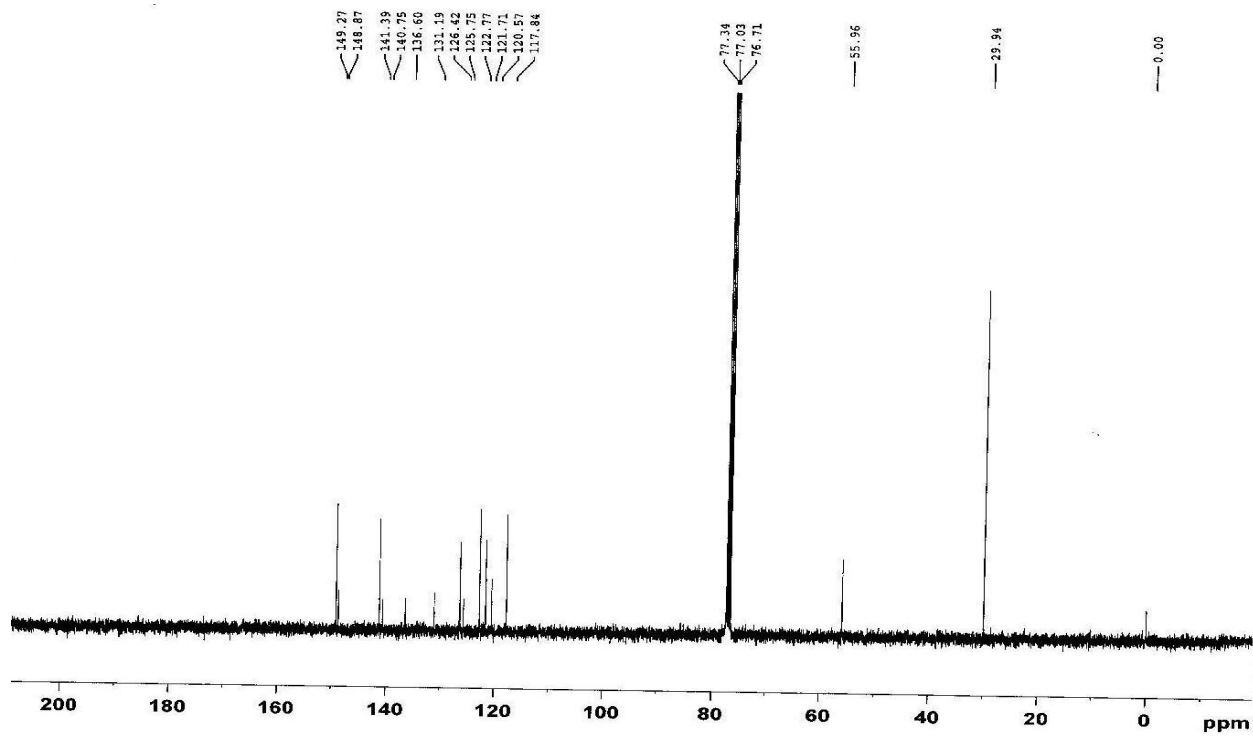
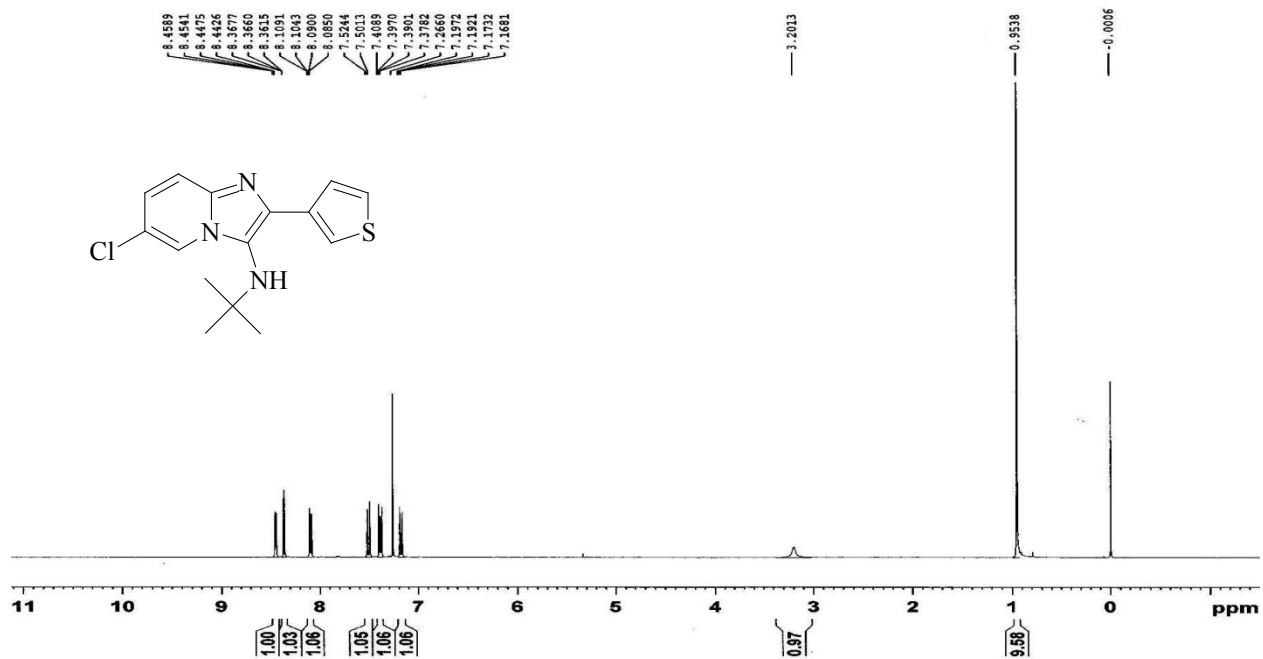
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P.G. Department of Chemistry, Central College Campus, Bangalore University,
Bangalore- 560 001, Karnataka, India.

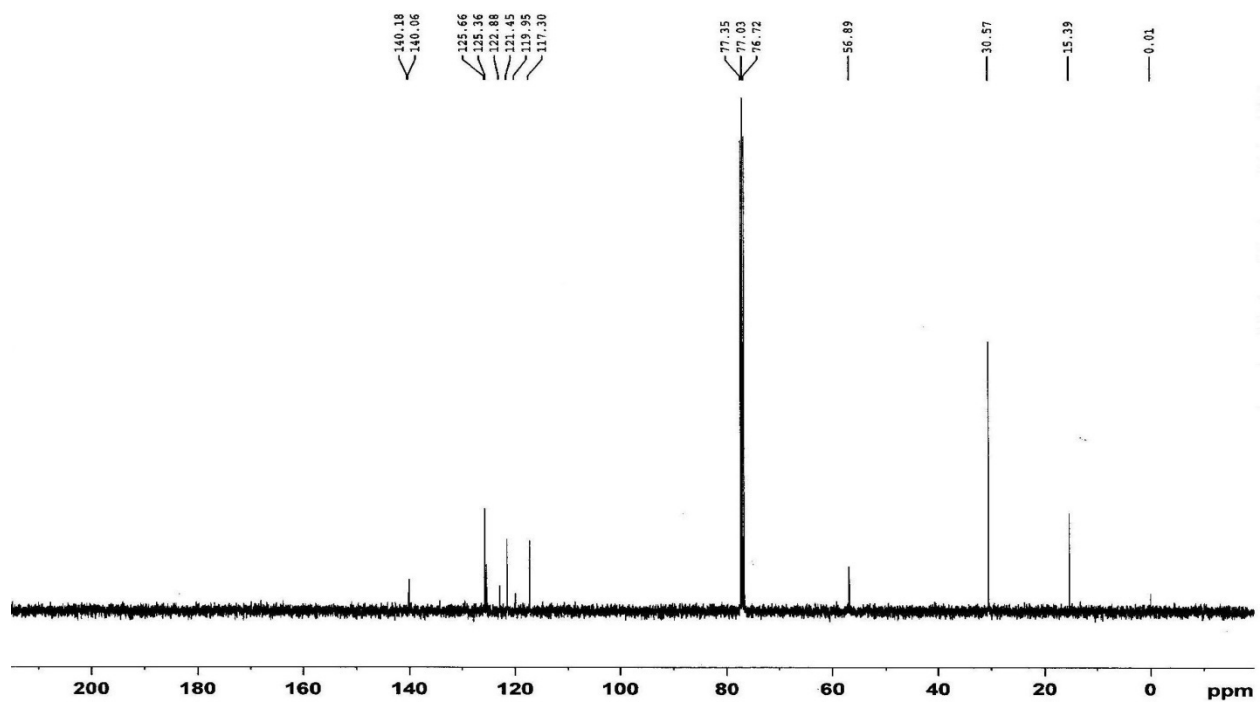
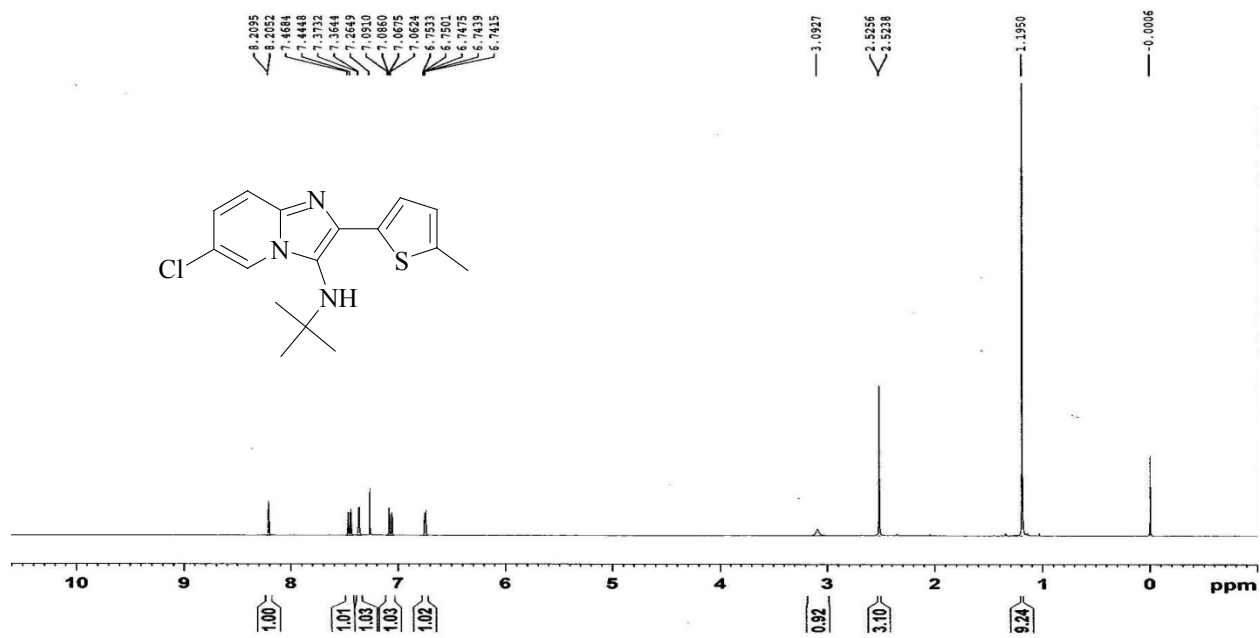
*Corresponding author. Tel.: +9180 22961249. *E.mail address:* shivashankark@gmail.com

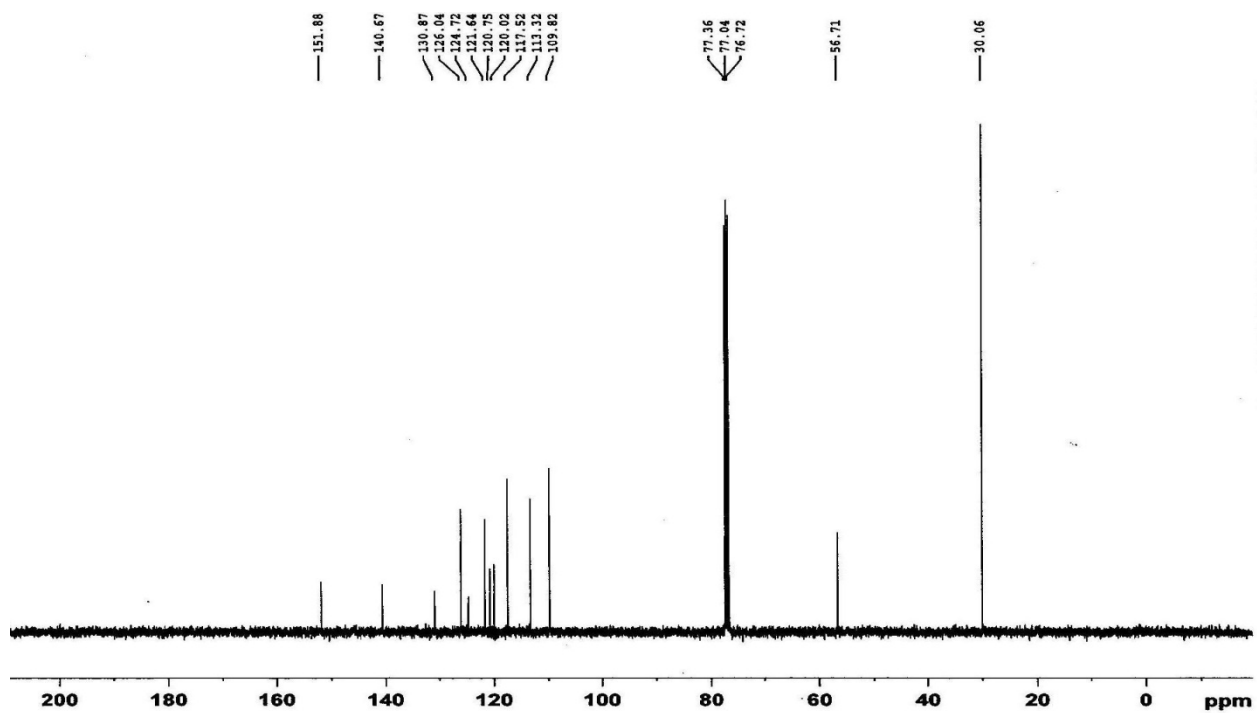
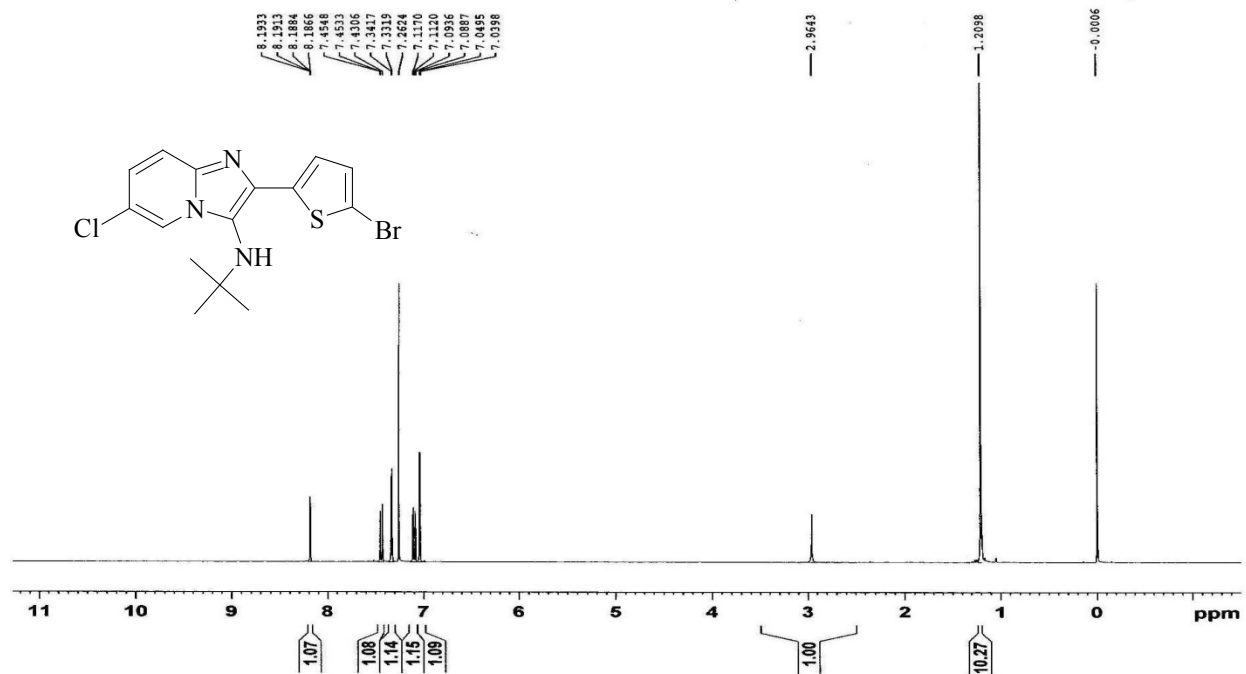
Supporting information

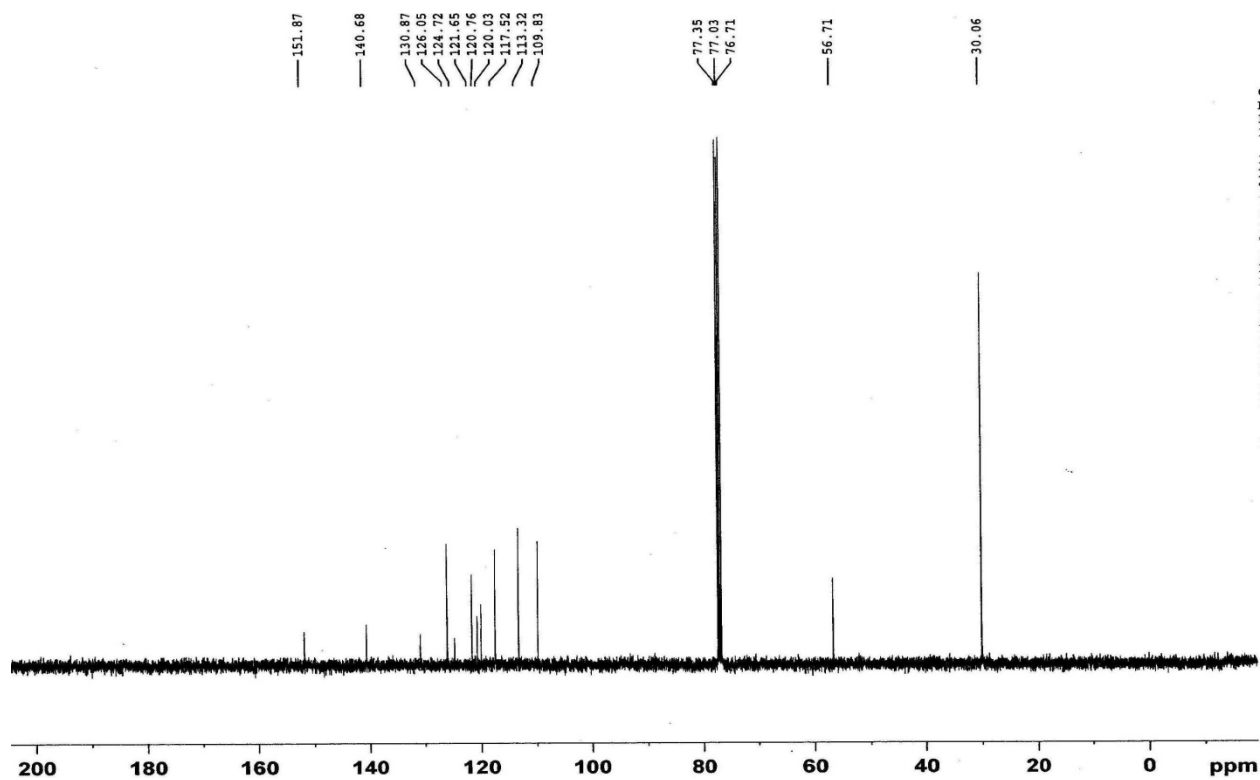
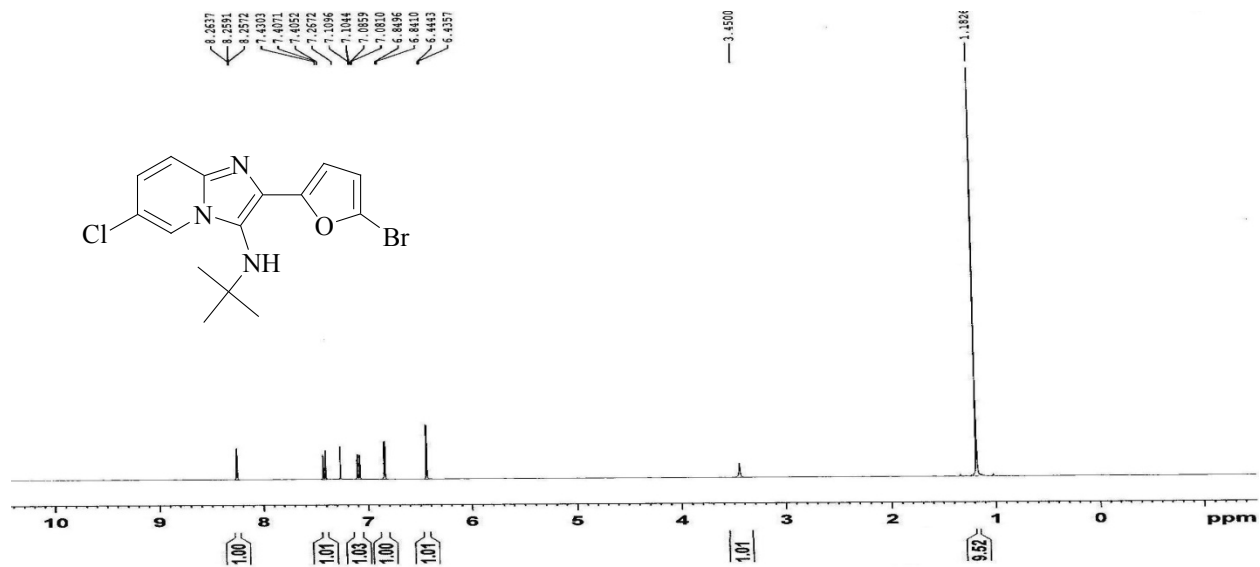
Entry	Compounds	Spectra
S1	2a	¹ H and ¹³ C
S2	2b	¹ H and ¹³ C
S3	2c	¹ H and ¹³ C
S4	2d	¹ H and ¹³ C
S5	2e	¹ H and ¹³ C
S6	2f	¹ H and ¹³ C
S7	2g	¹ H and ¹³ C
S8	2h	¹ H and ¹³ C
S9	2i	¹ H and ¹³ C
S10	2j	¹ H and ¹³ C
S11	2k	¹ H and ¹³ C
S12	2l	¹ H and ¹³ C
S13	2m	¹ H and ¹³ C
S14	2n	¹ H and ¹³ C
S15	2a	LC-MS
S16	2d	D ₂ O exchange

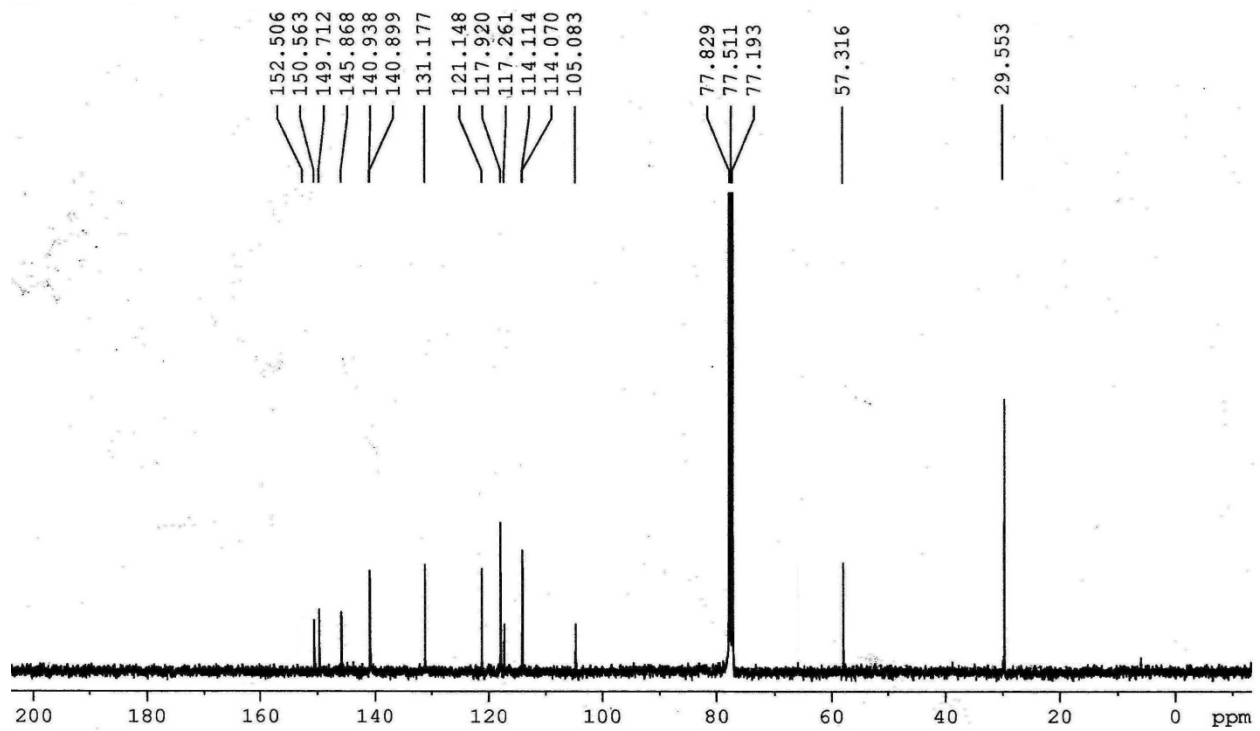
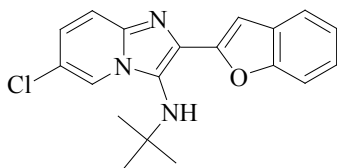
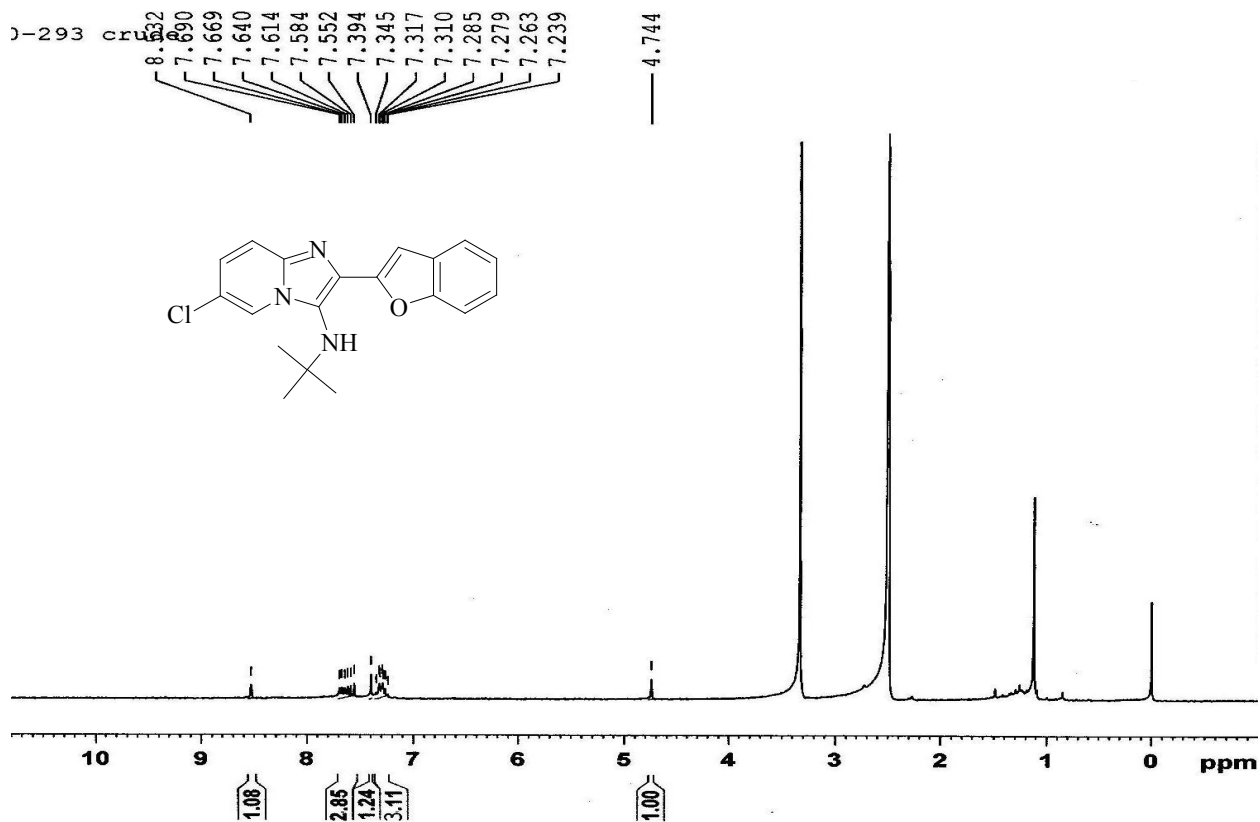


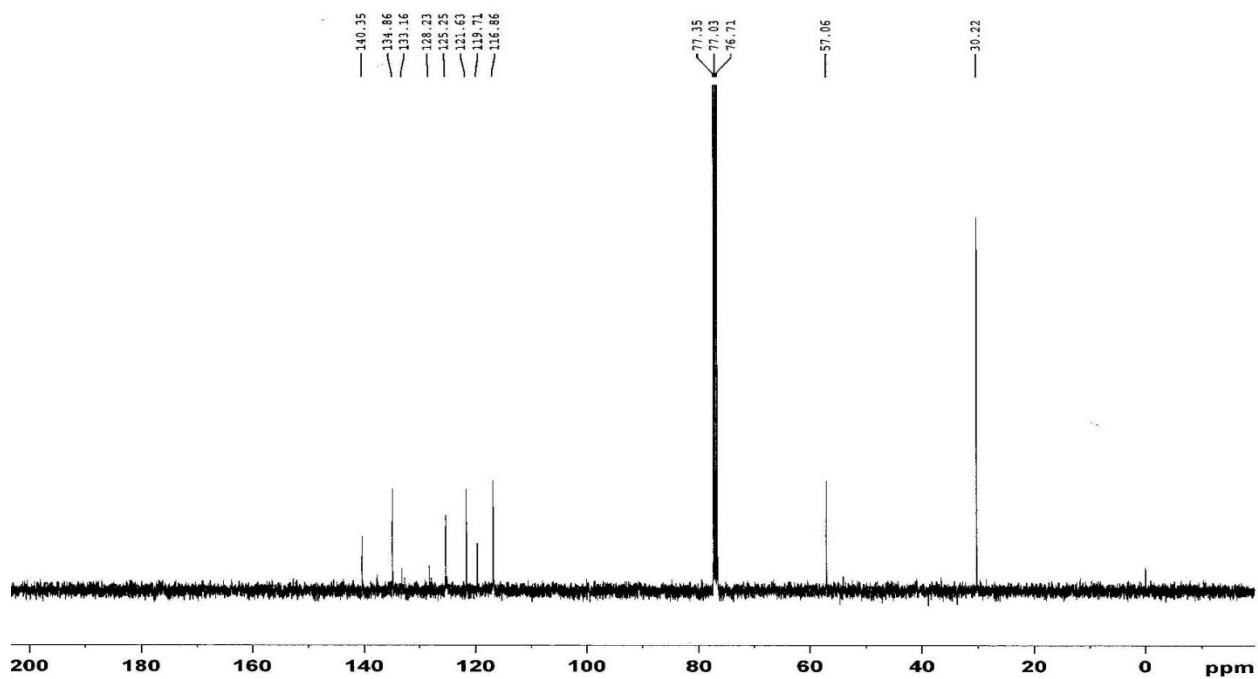
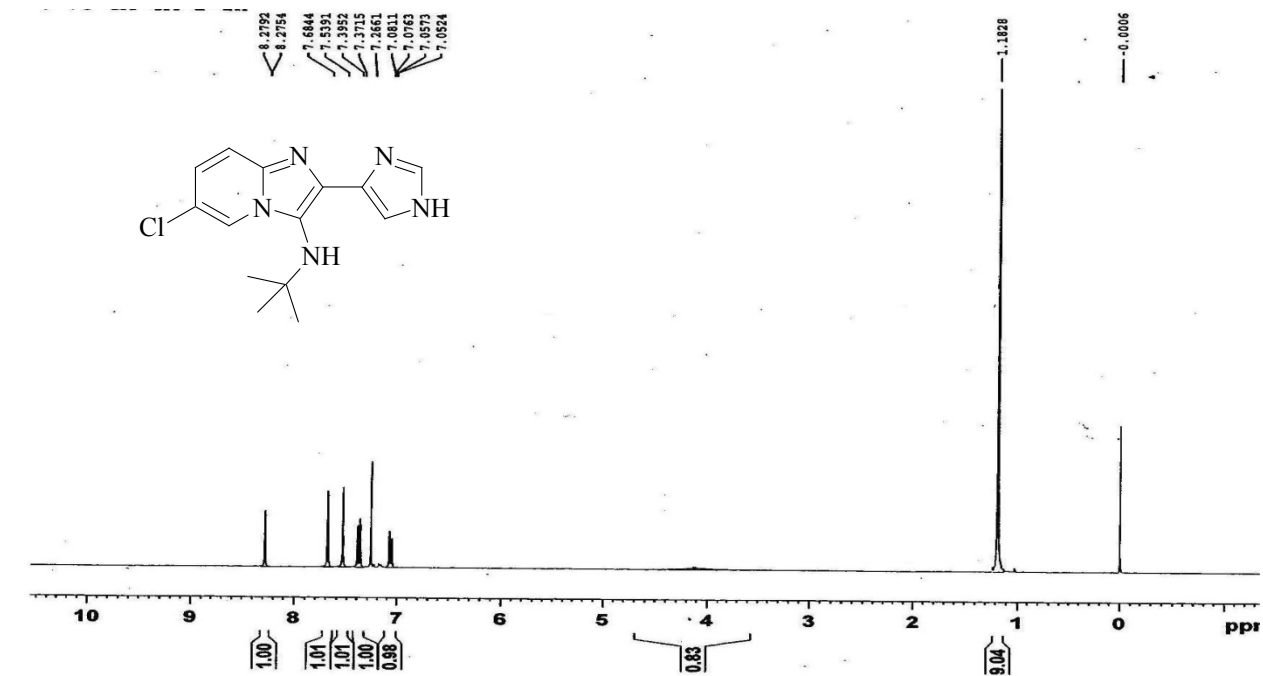


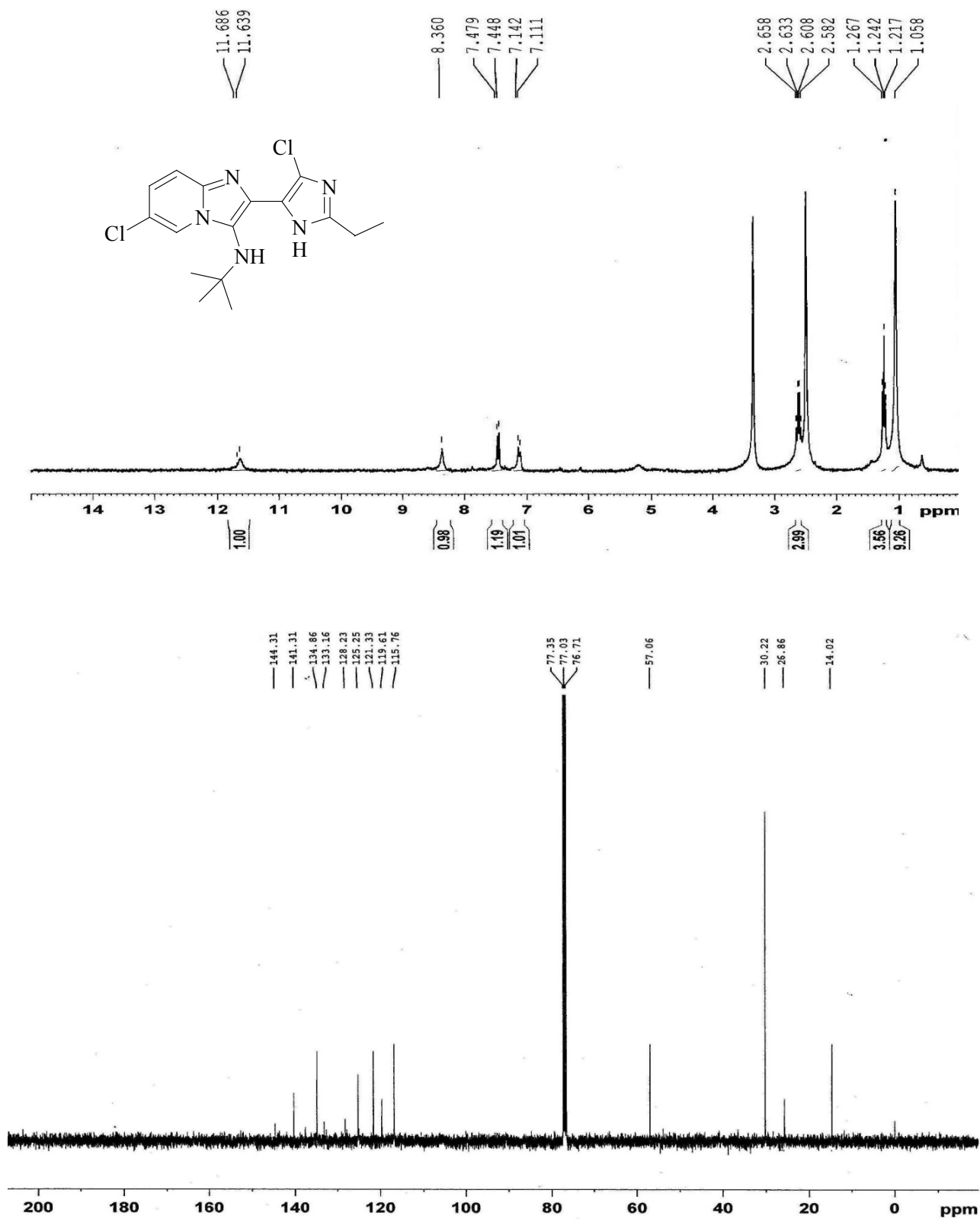


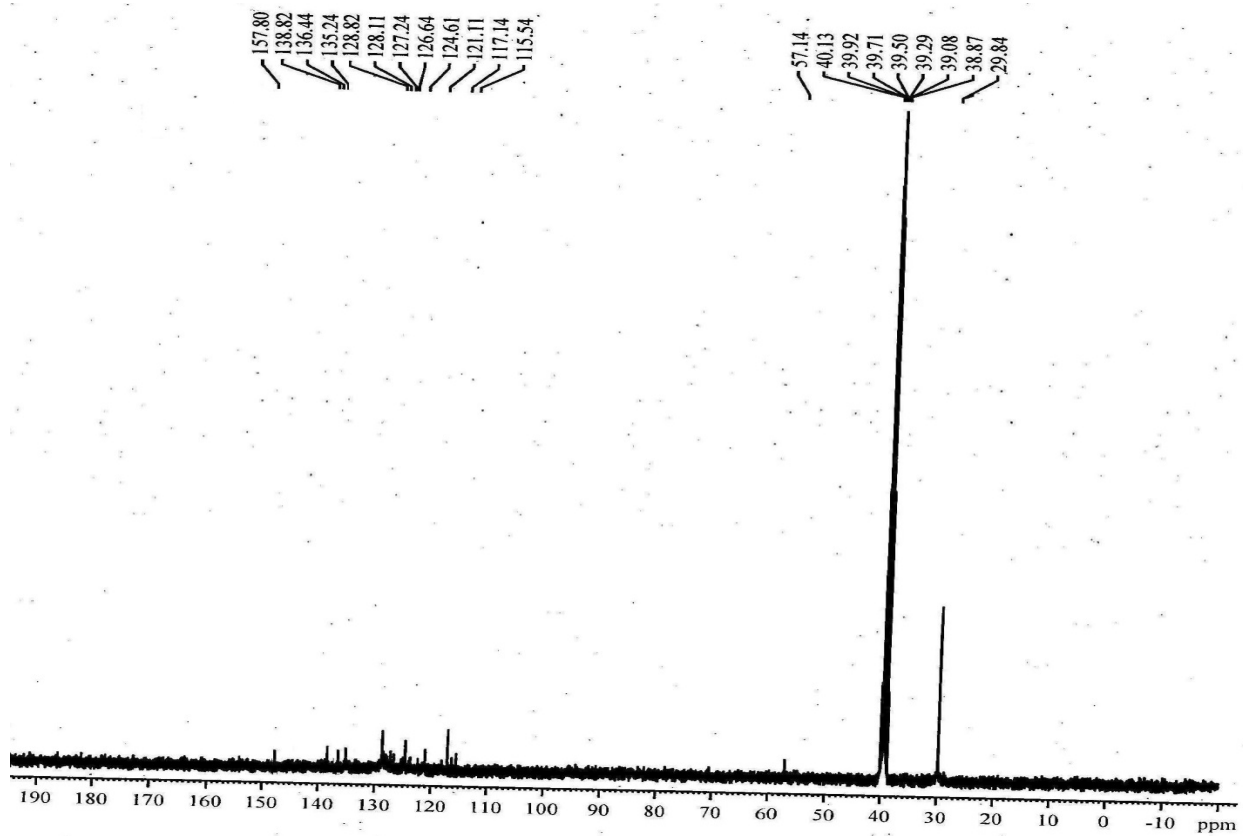
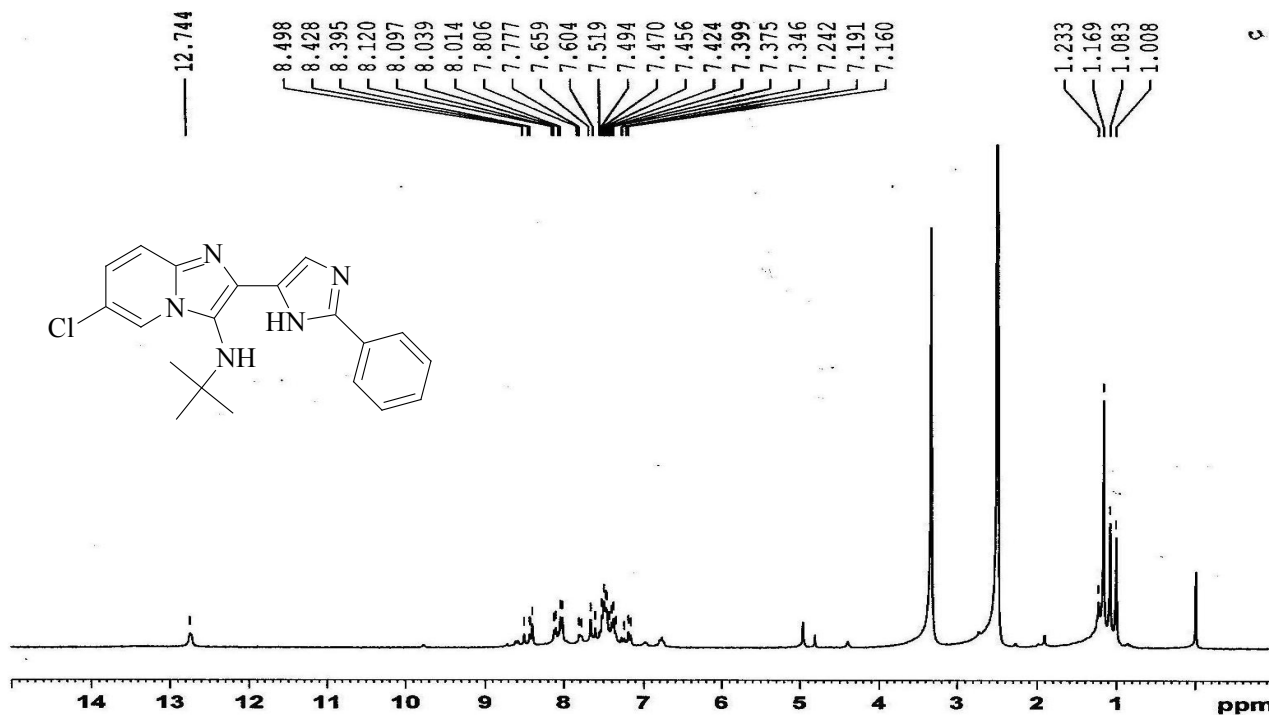


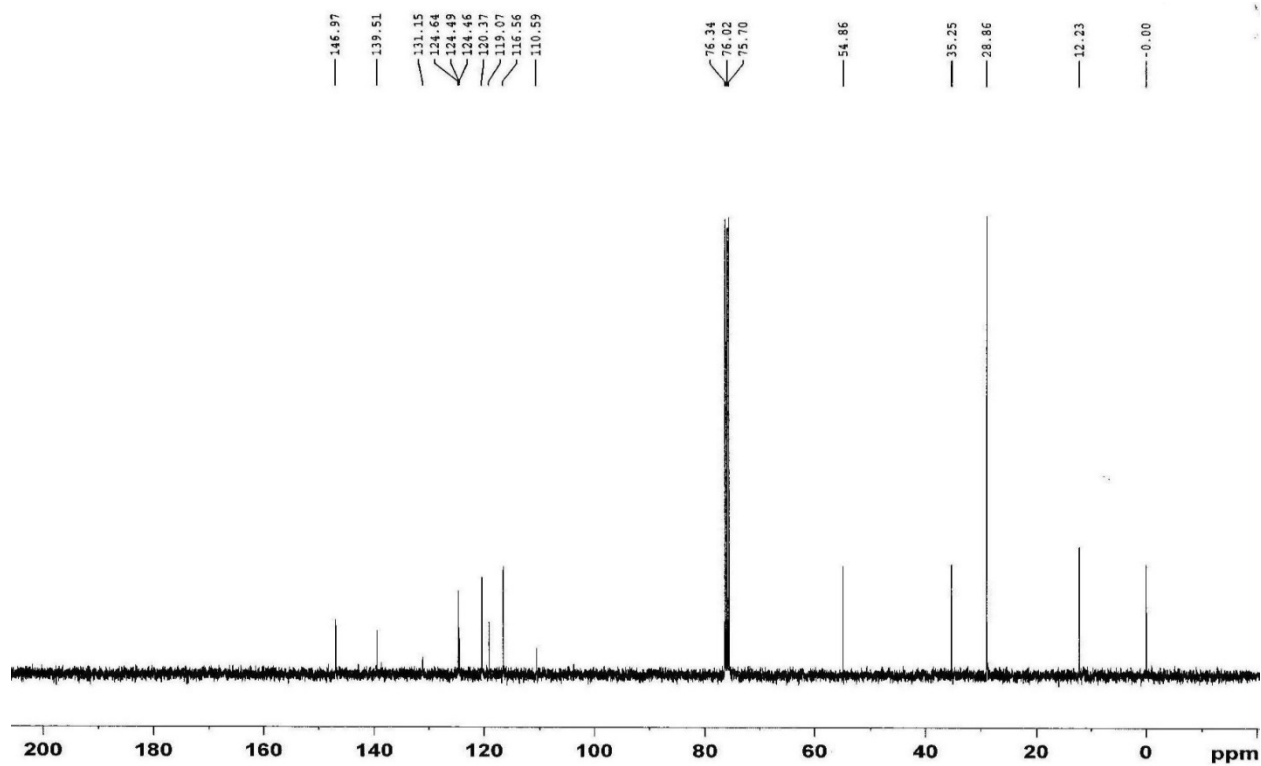
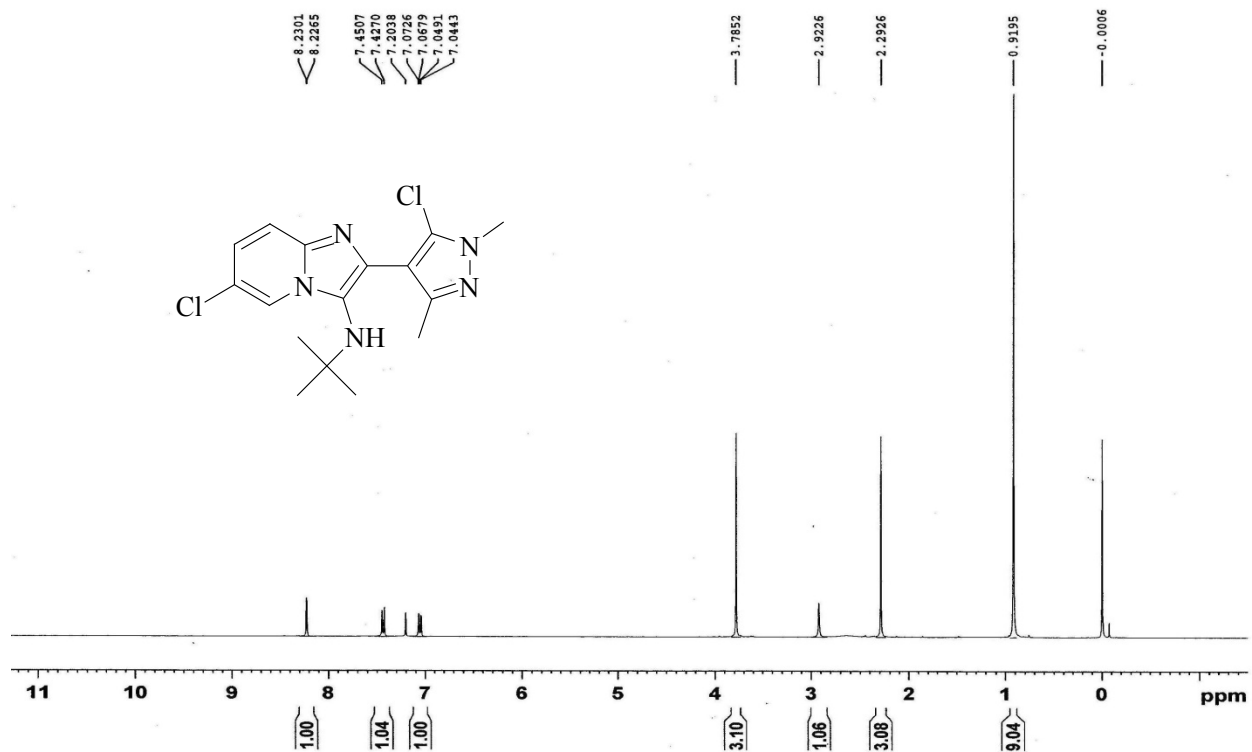


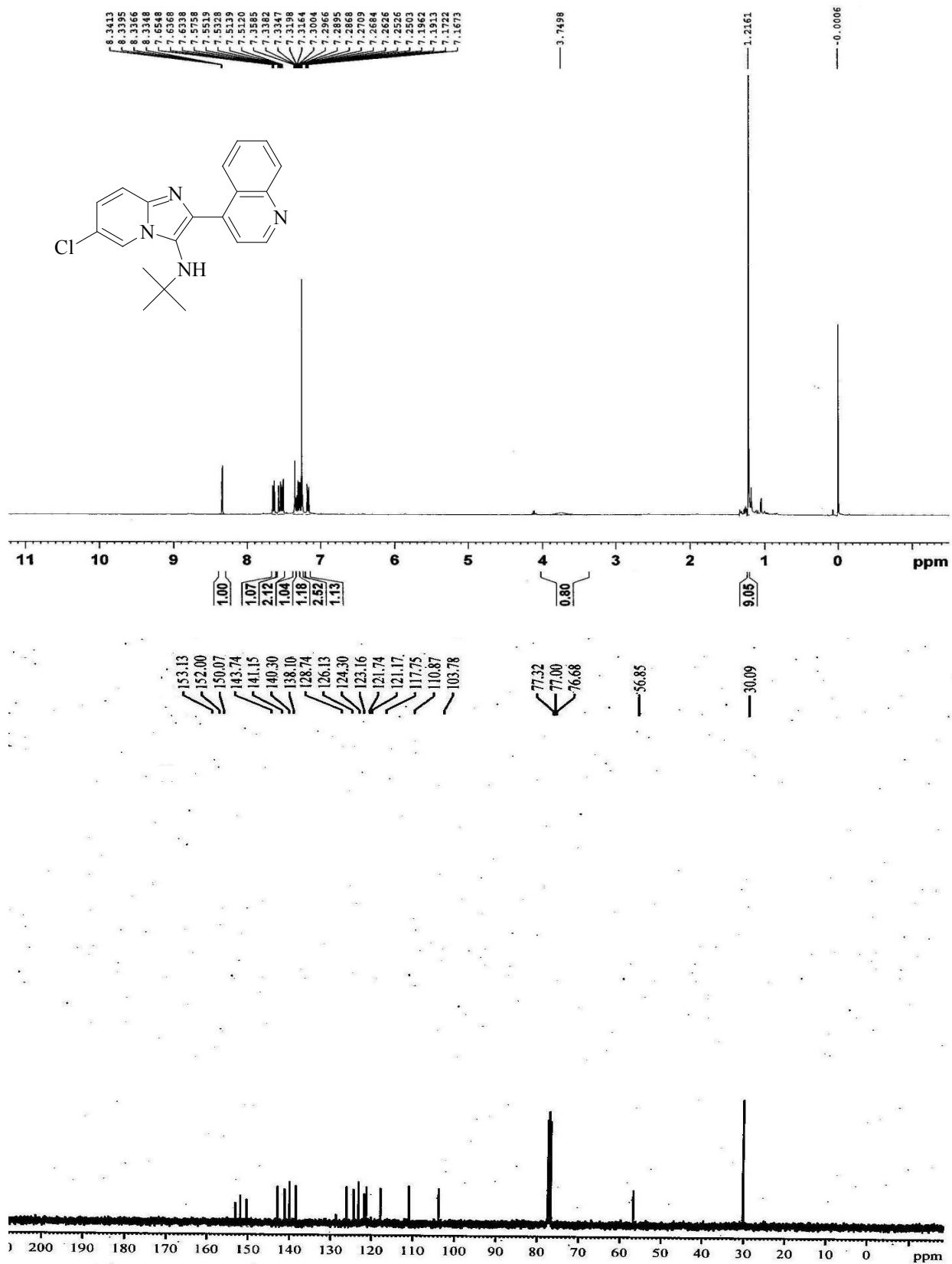


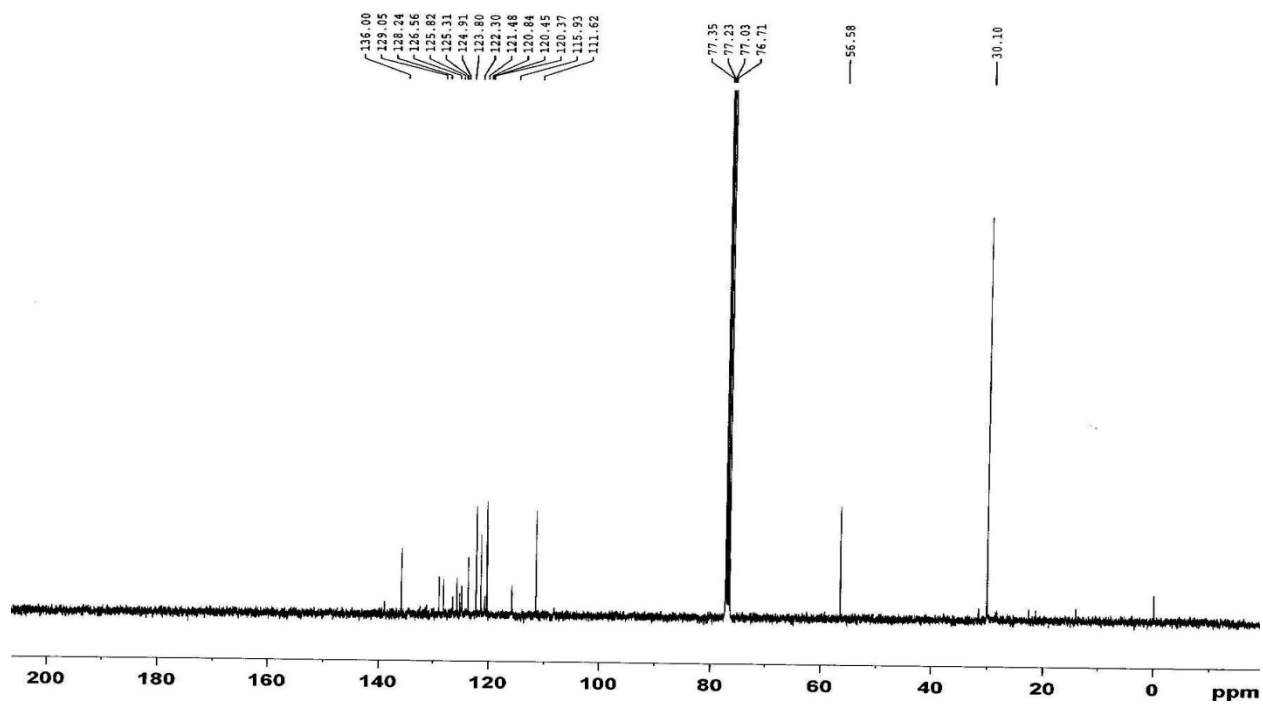
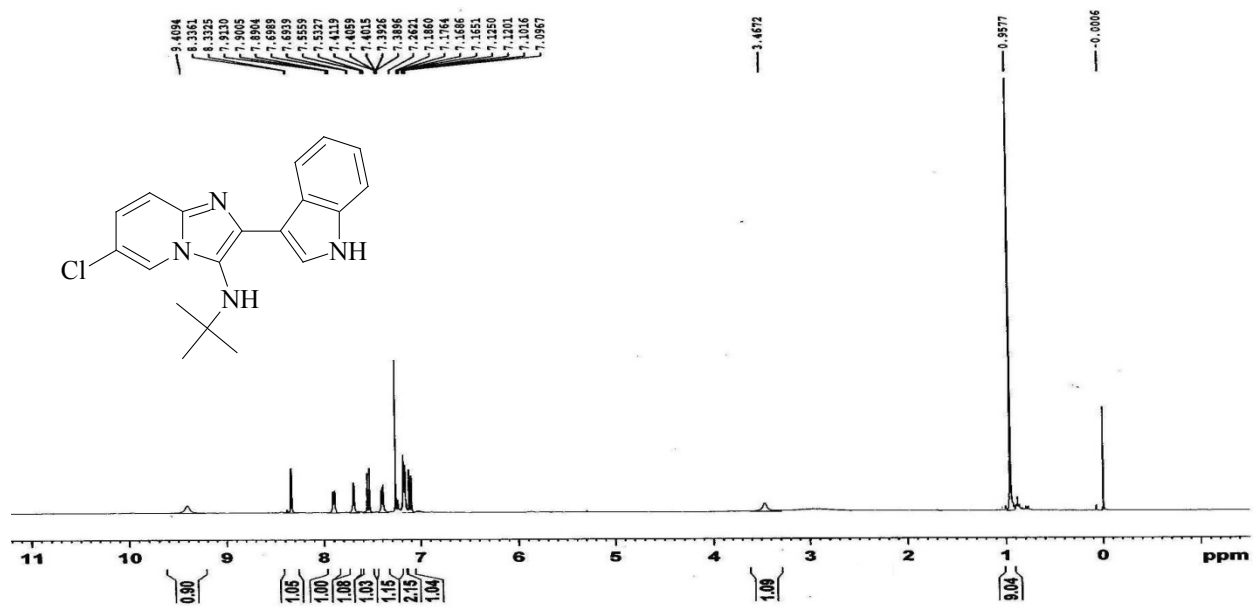


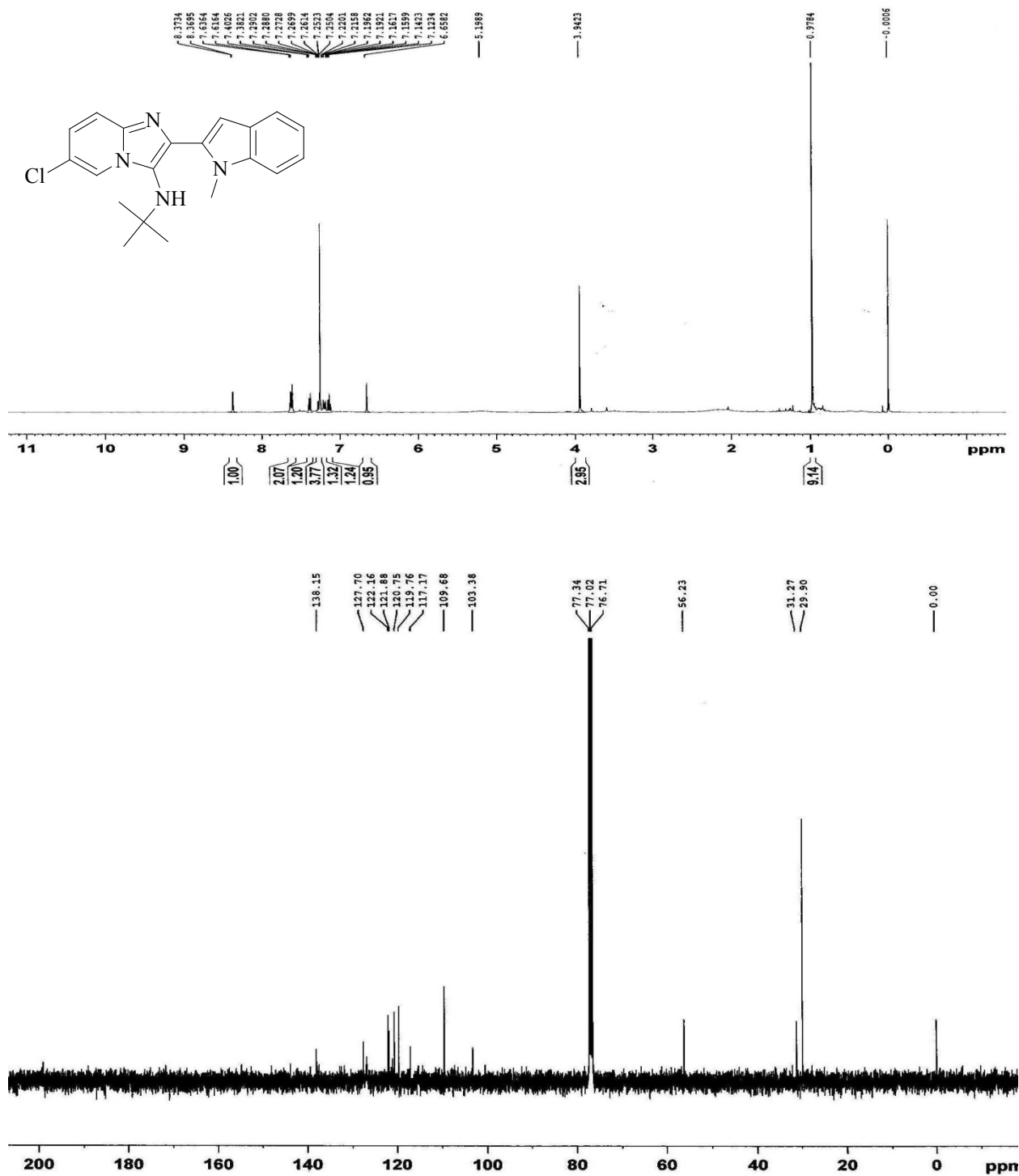


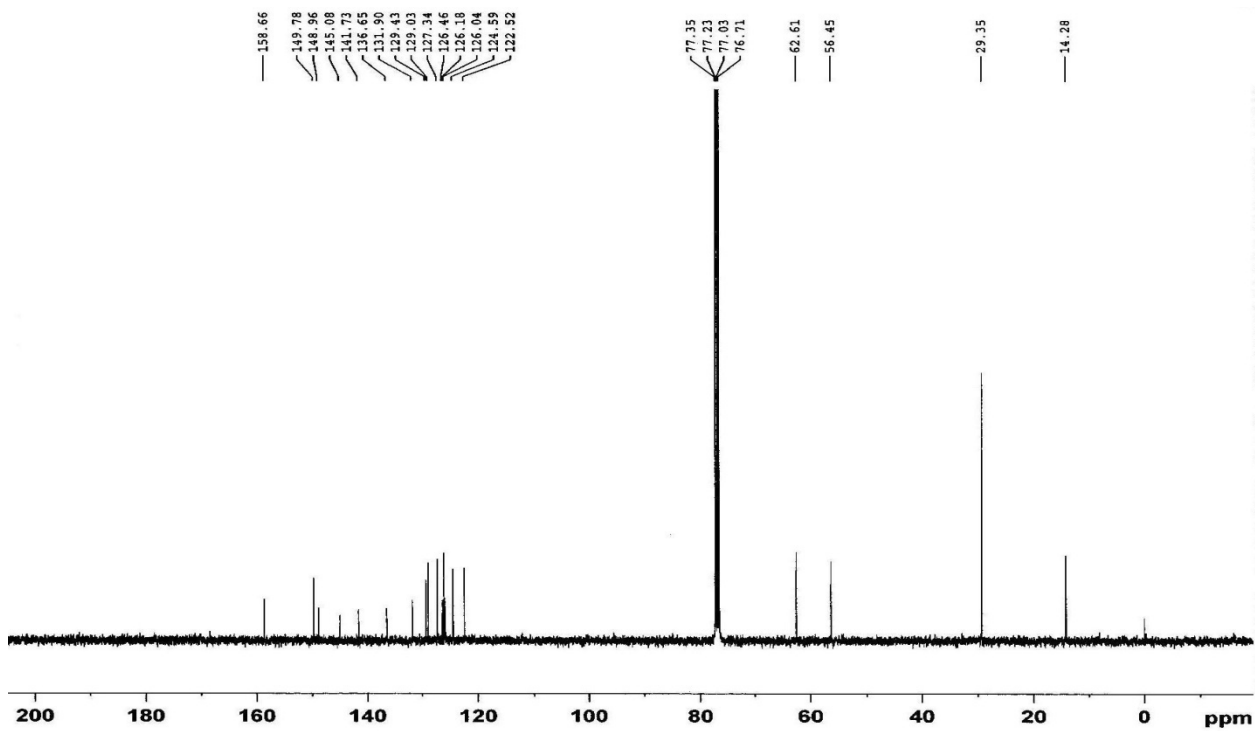
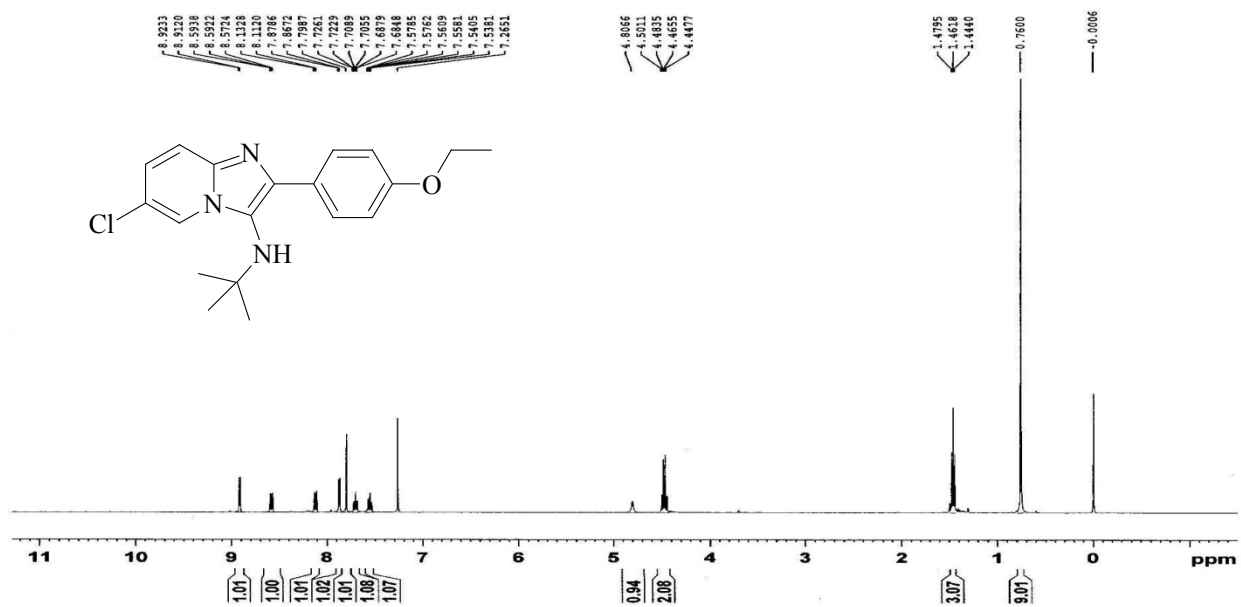


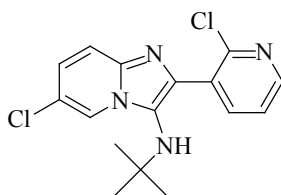








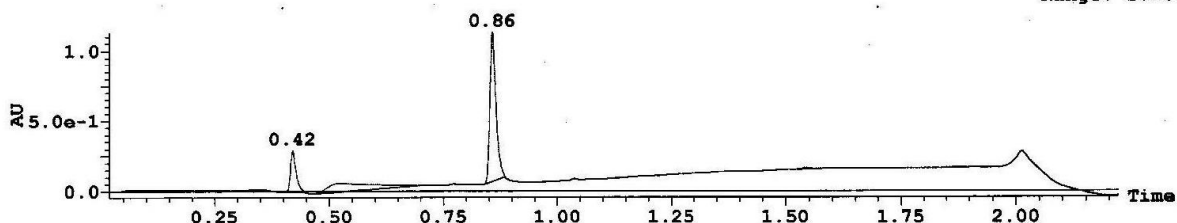




2: UV Detector: 220 Smooth (SG, 2x3)

1.13

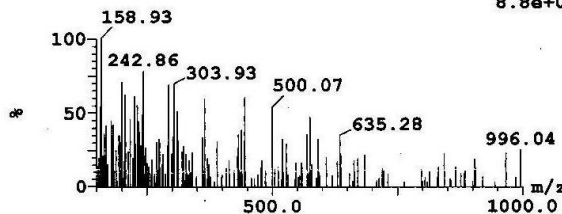
Range: 1.167



Peak Number	Time	AreaAbs	Area %Total
1	0.42	4210	15.19
2	0.52	7001	25.26
3	0.86	16272	58.72
4	1.54	228	0.82

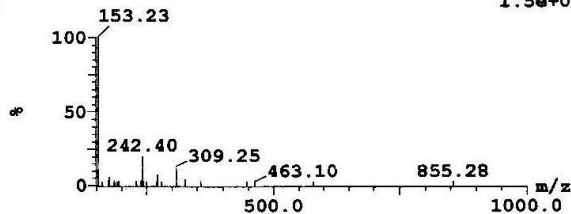
Peak ID 1 Time 0.42 Mass Found

1:MS ES+
8.8e+003



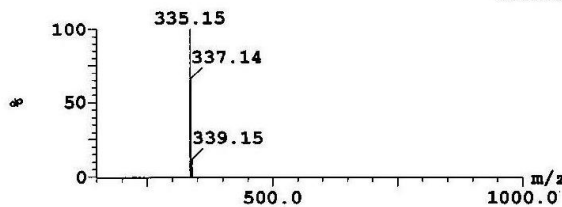
Peak ID 2 Time 0.52 Mass Found

1:MS ES+
1.5e+005



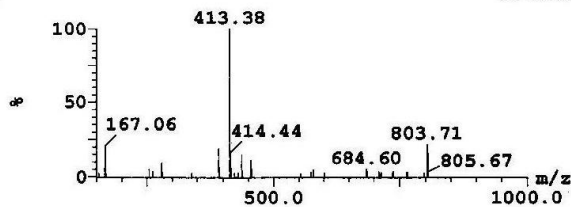
Peak ID 3 Time 0.86 Mass Found

1:MS ES+
6.3e+006

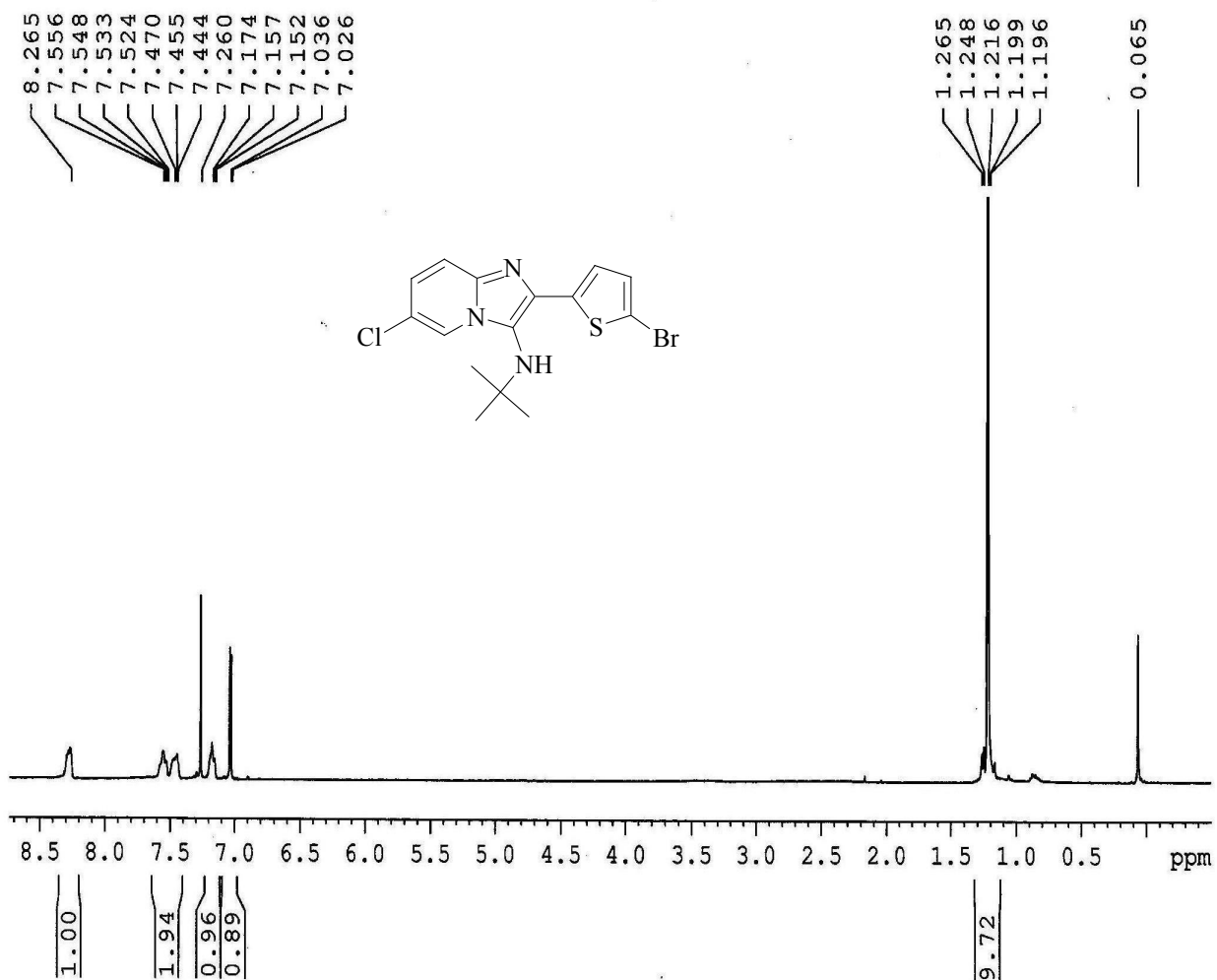


Peak ID 4 Time 1.54 Mass Found

1:MS ES+
6.4e+005



Mass spectrum of compound (2a)



D₂O exchangeable for the compound (2e)