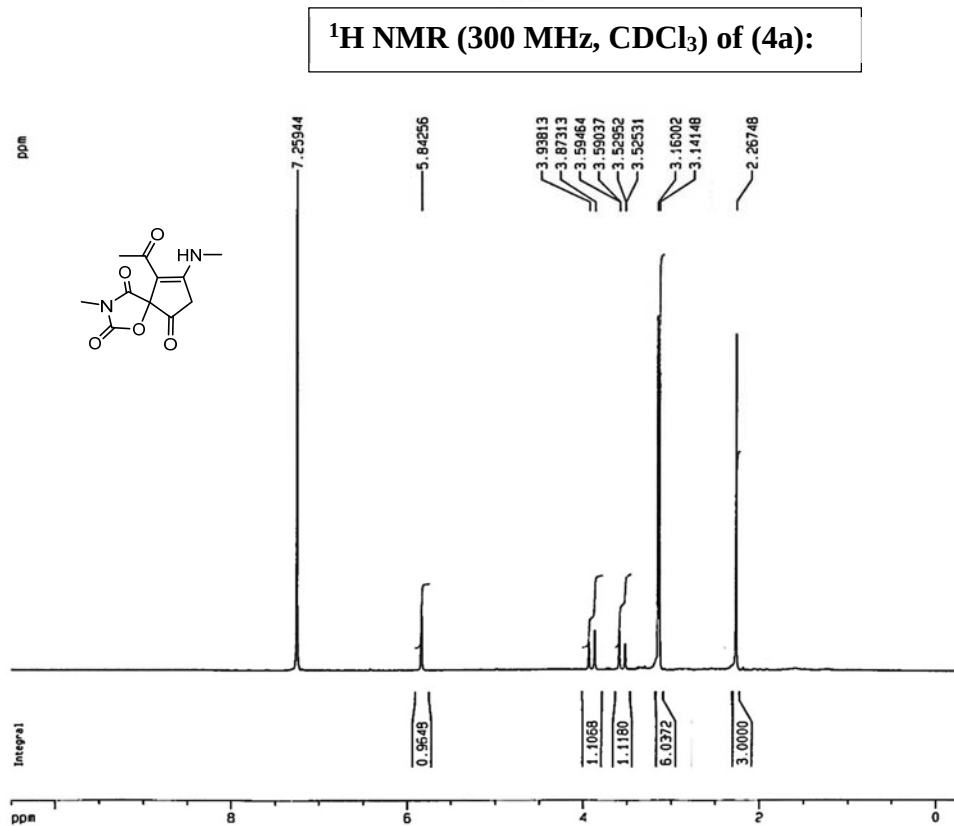
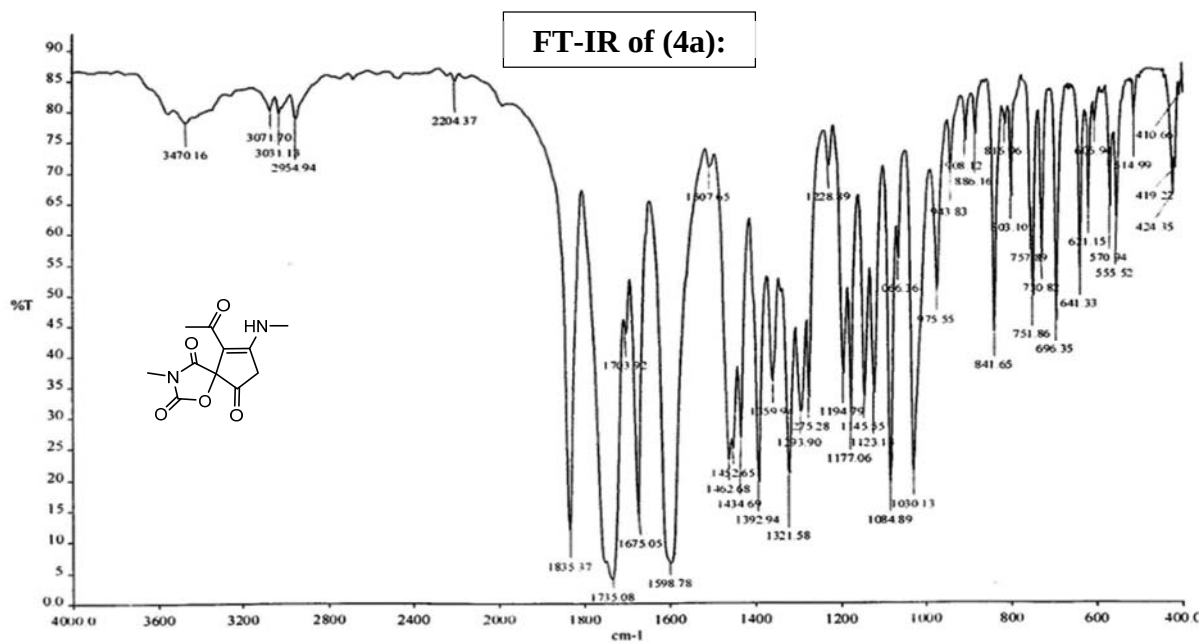


Supporting Information

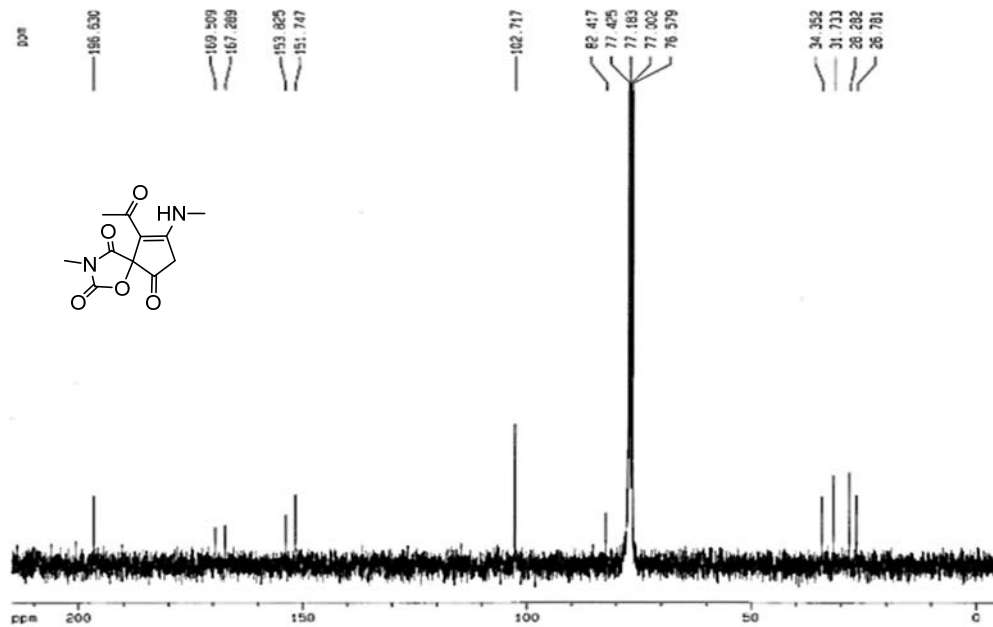
**Substrate-controlled selectivity switch in a three-component reaction:
sequential synthesis of spiro-oxazolidinedione-cyclopentenones and
hydroxy enaminoarbiturates in water**

Mohammad Bagher Teimouri* Mahdi Heydari and Kazem Mohammadi

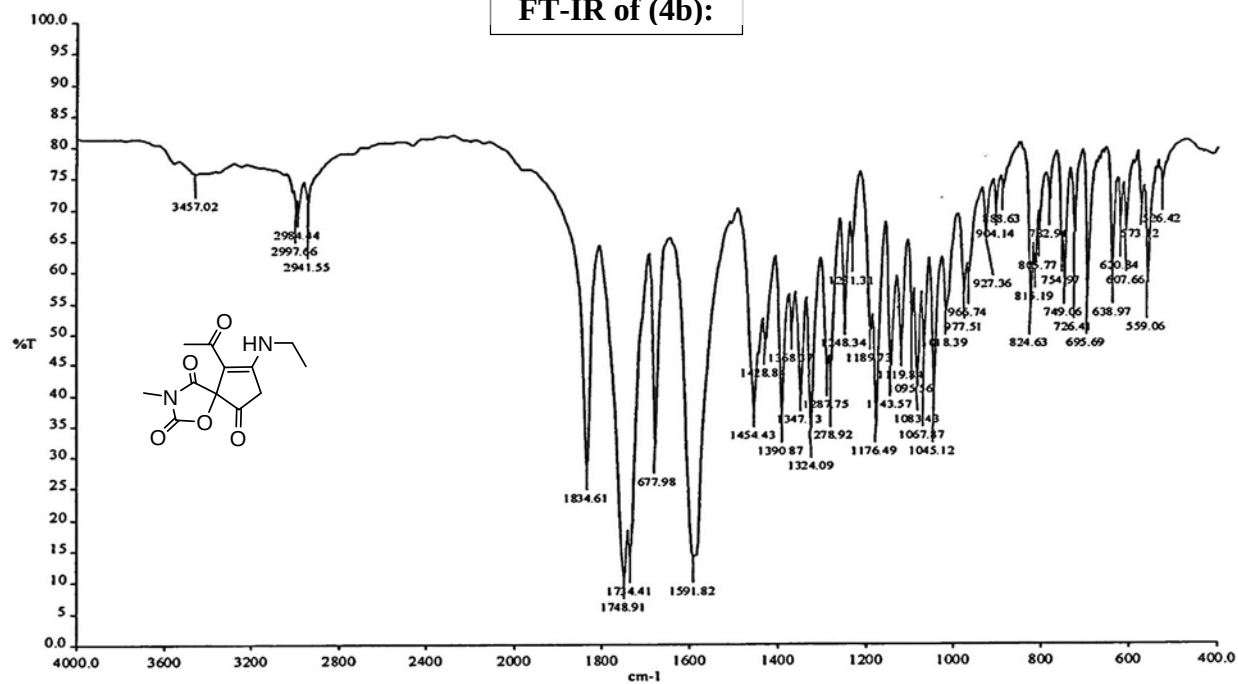
Faculty of Chemistry, Kharazmi University, Mofateh Ave., Tehran, Iran



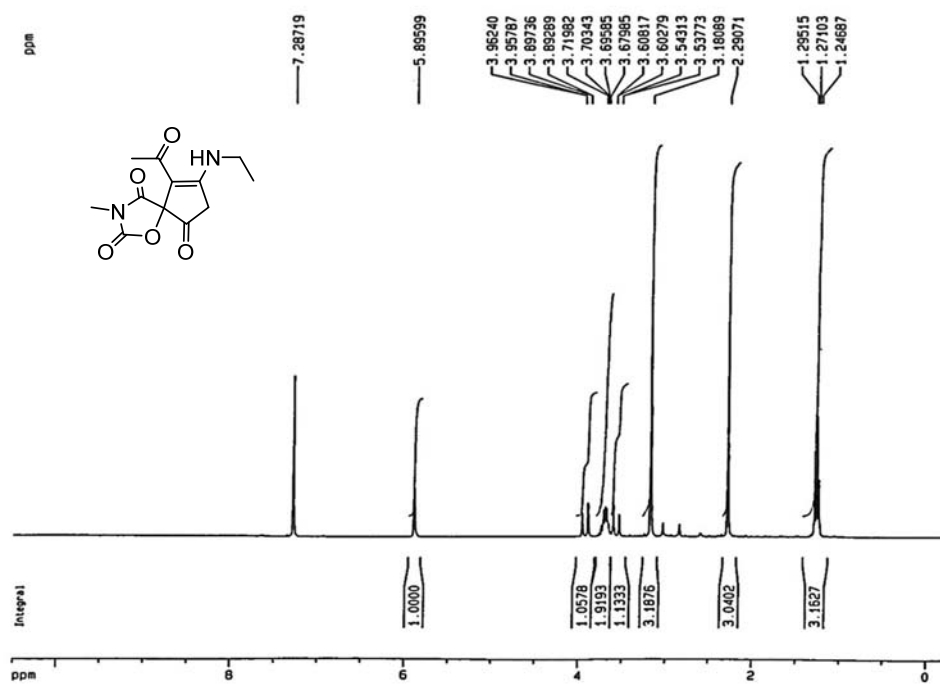
^{13}C NMR (75 MHz, CDCl_3) of (4a):



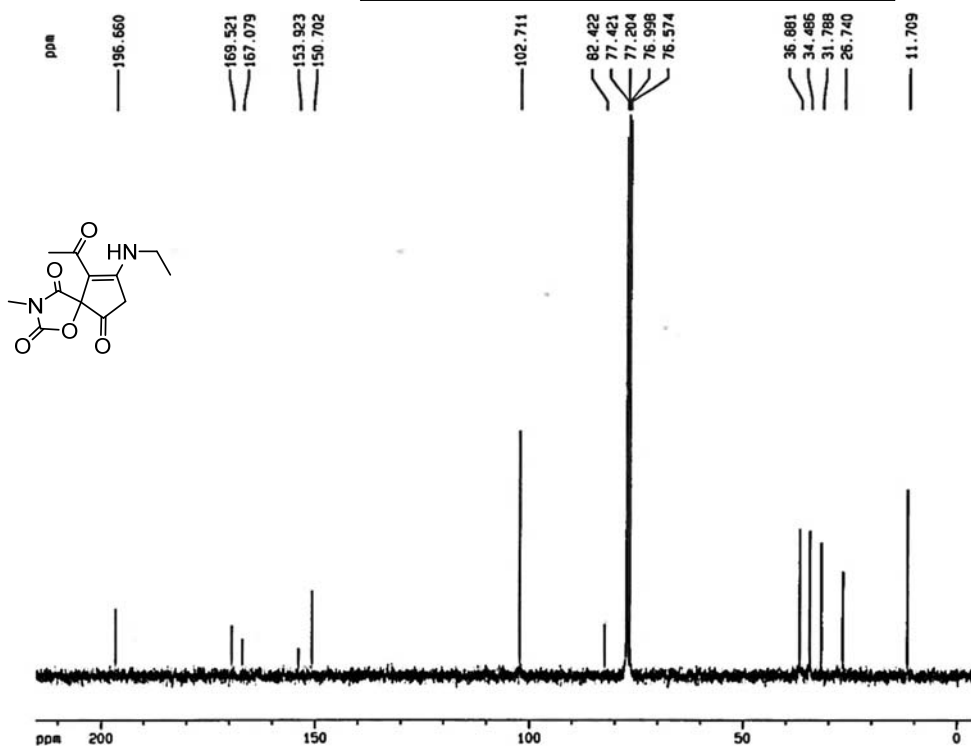
FT-IR of (4b):

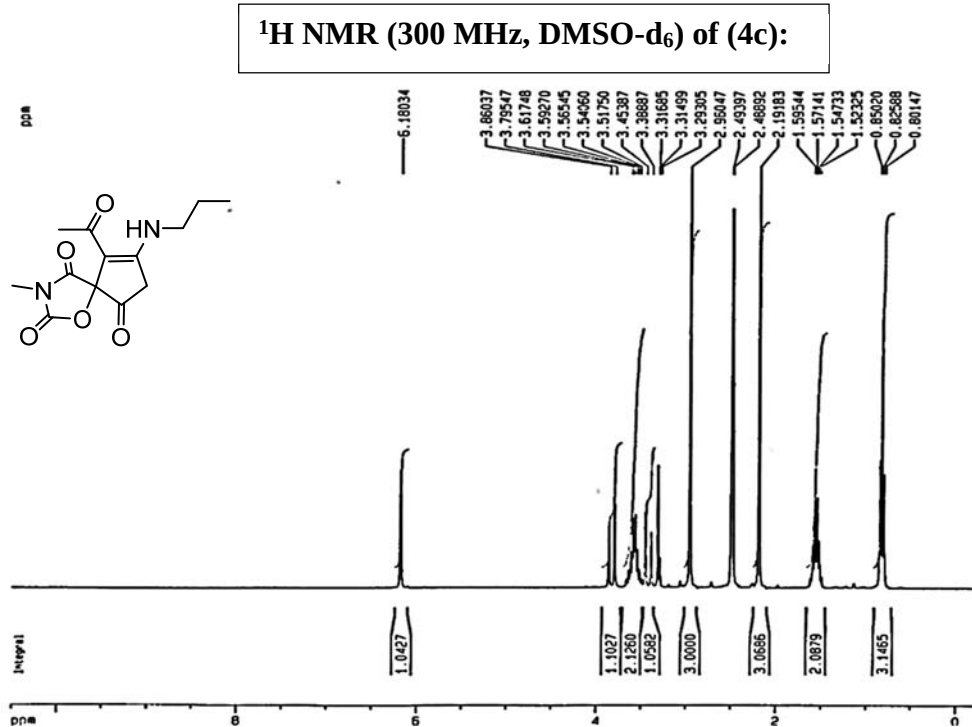
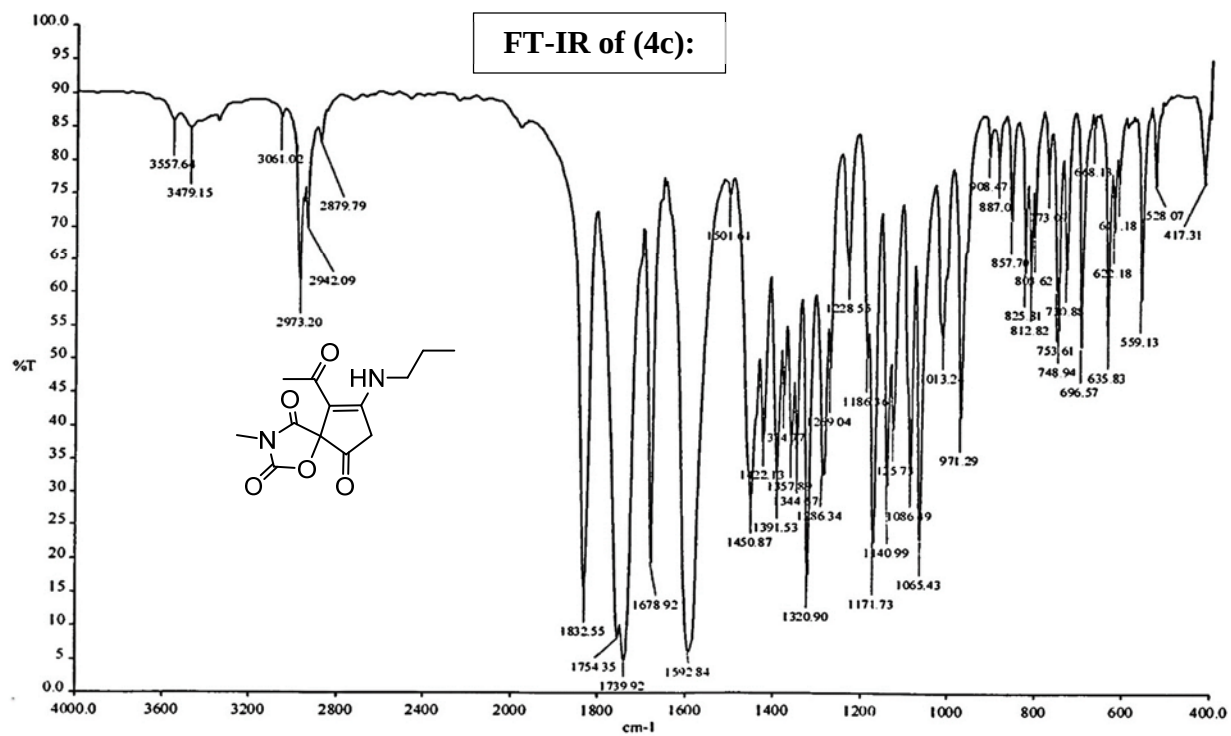


^1H NMR (300 MHz, CDCl_3) of (4b):

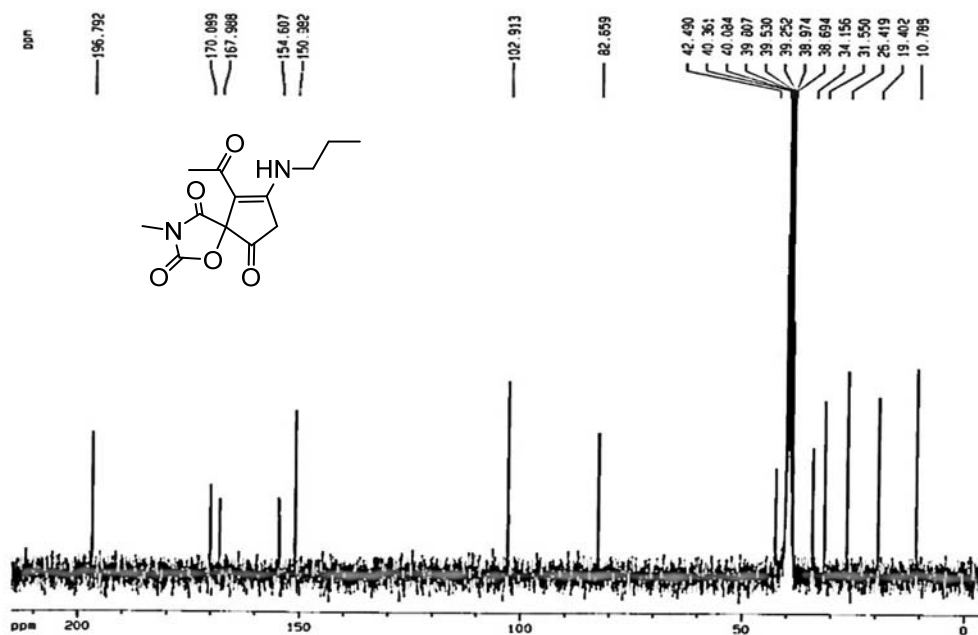


^{13}C NMR (75 MHz, CDCl_3) of (4b):

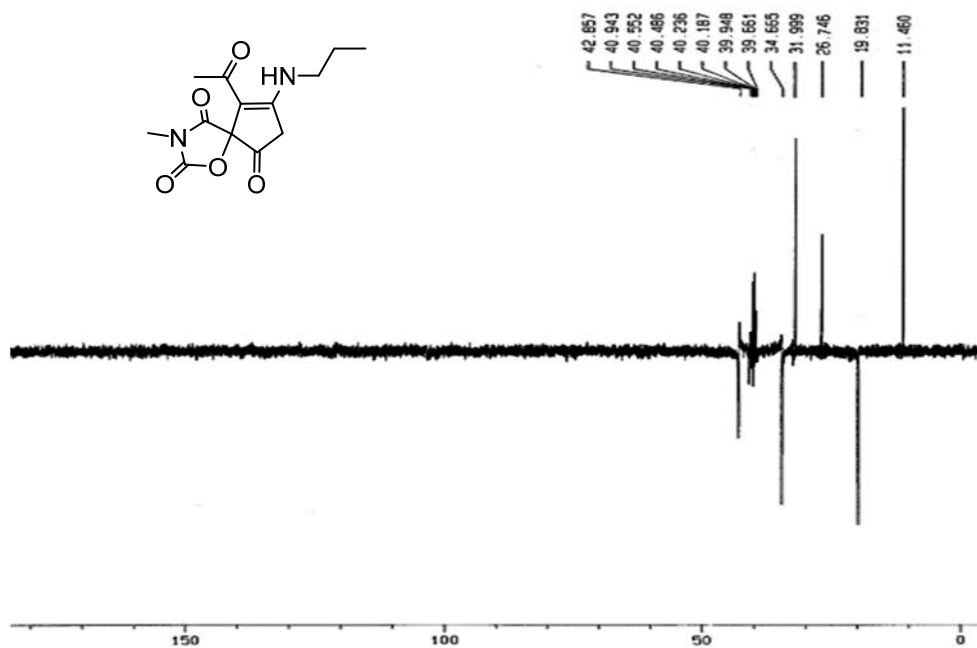




^{13}C NMR (75 MHz, DMSO- d_6) of (4c):



DEPT-135 (75 MHz, DMSO- d_6) of (4c):

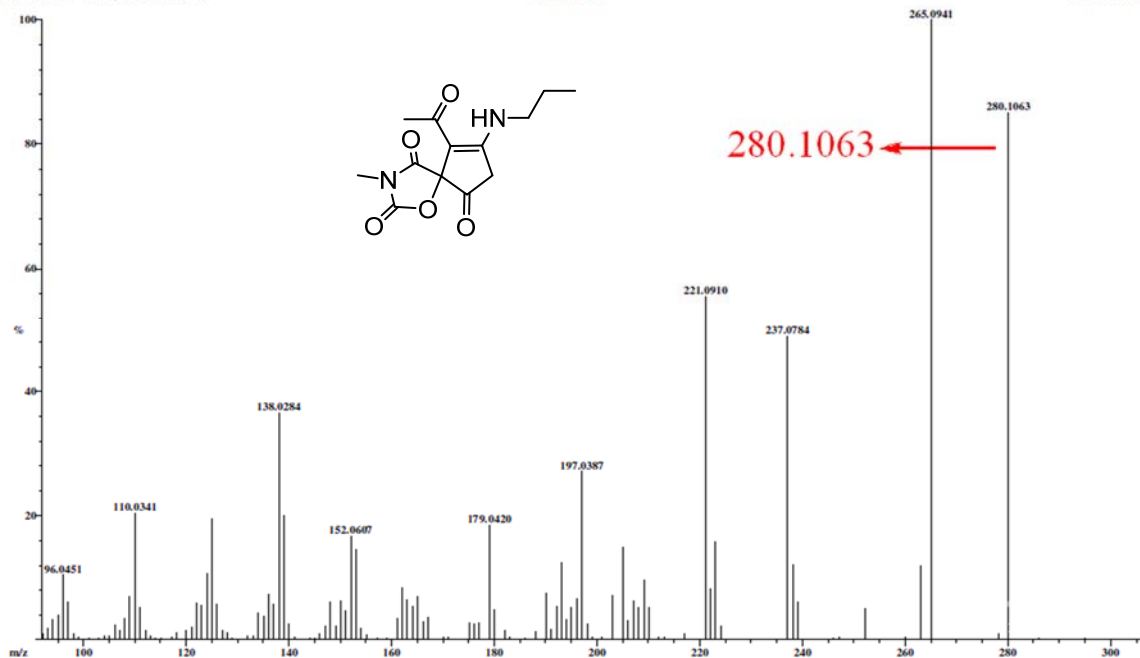


HRMS of (4c):

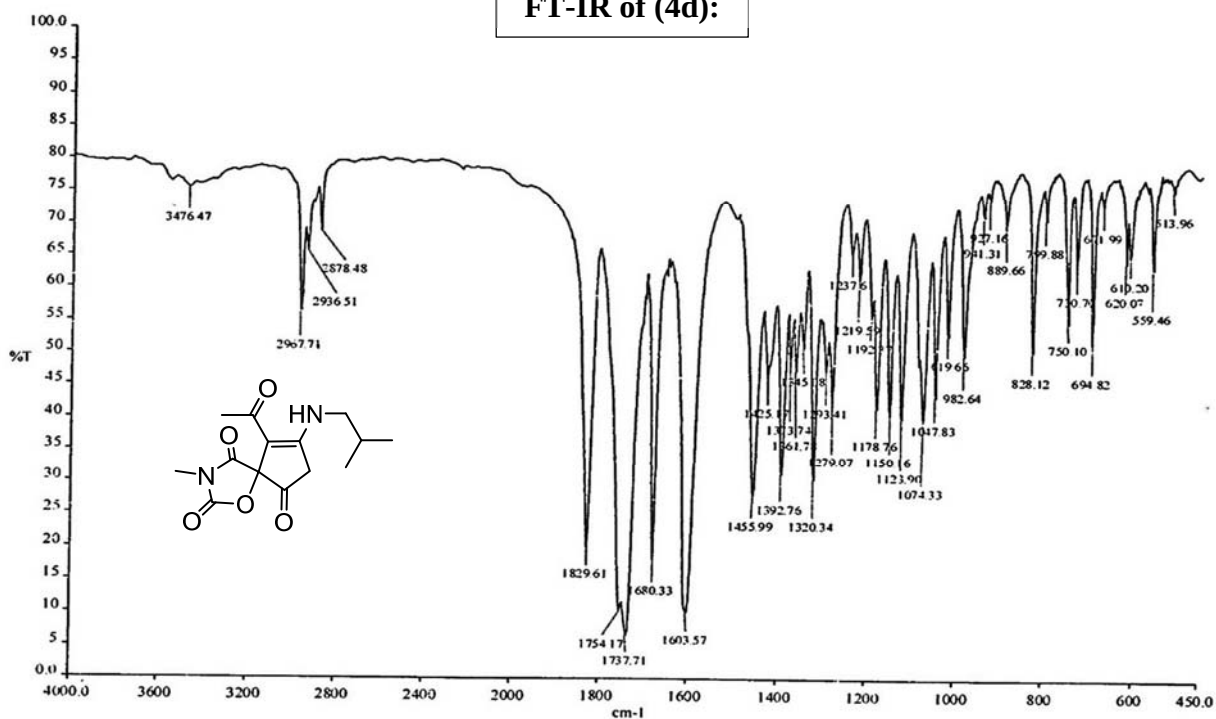
C13H16N2O5 280.1063 : 85 %

Scan: 111

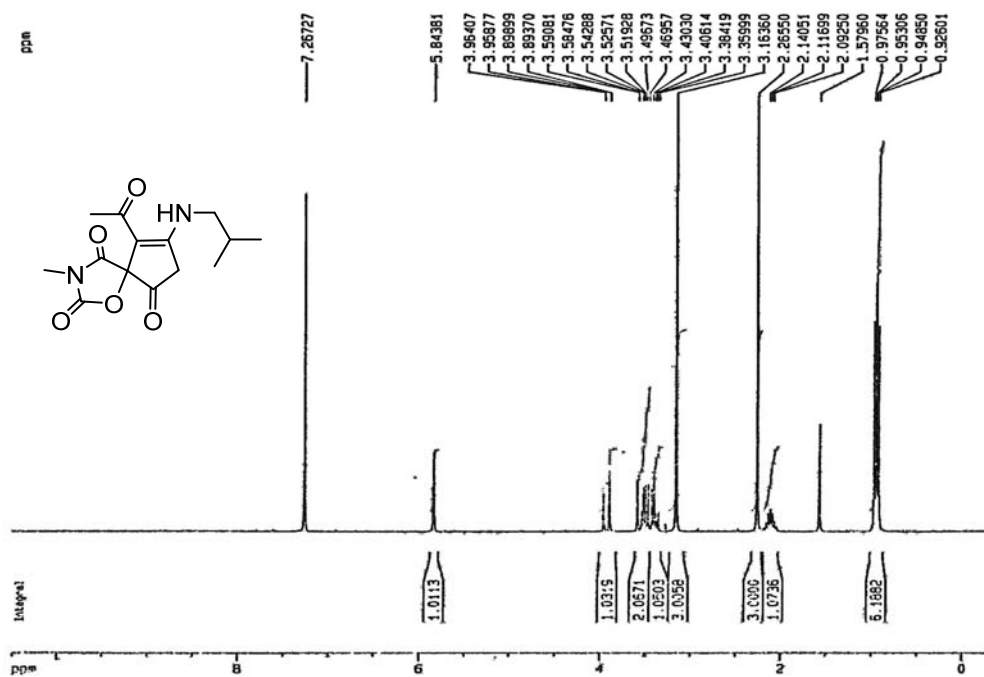
TIC: 7811370



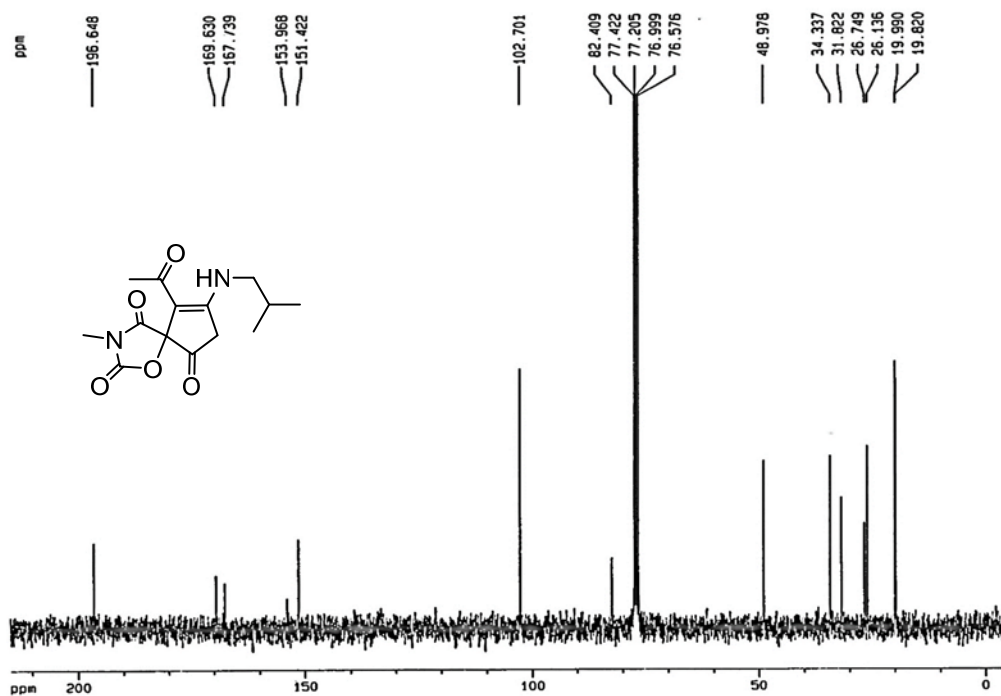
FT-IR of (4d):

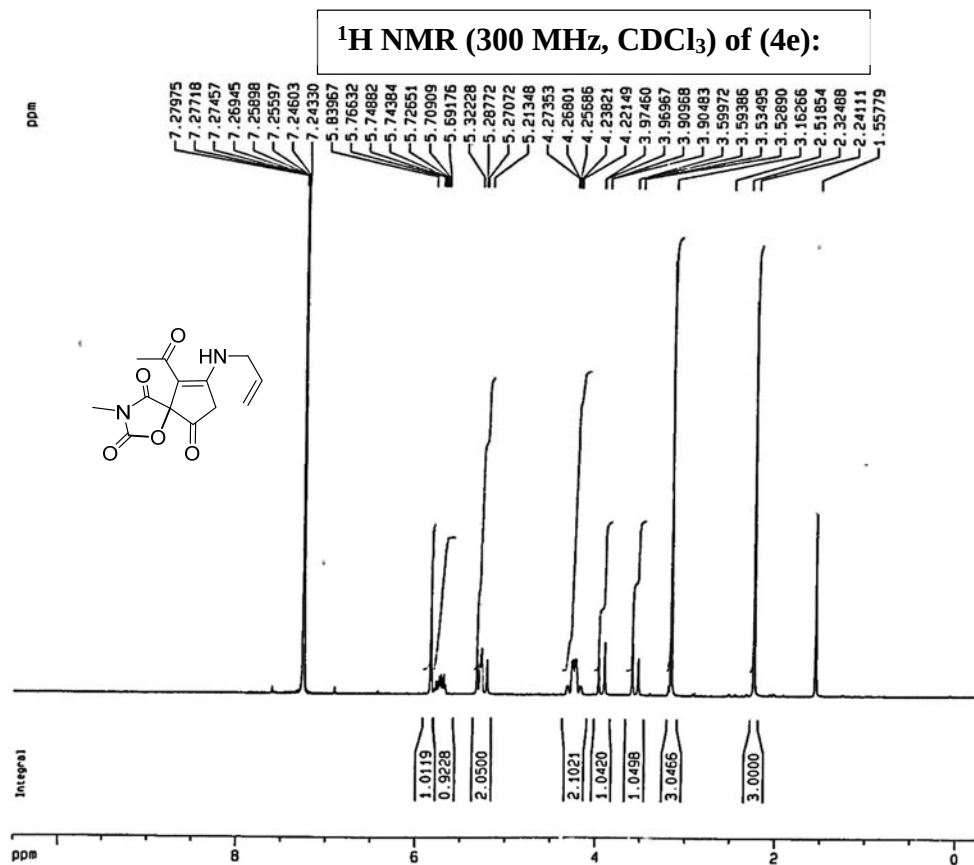
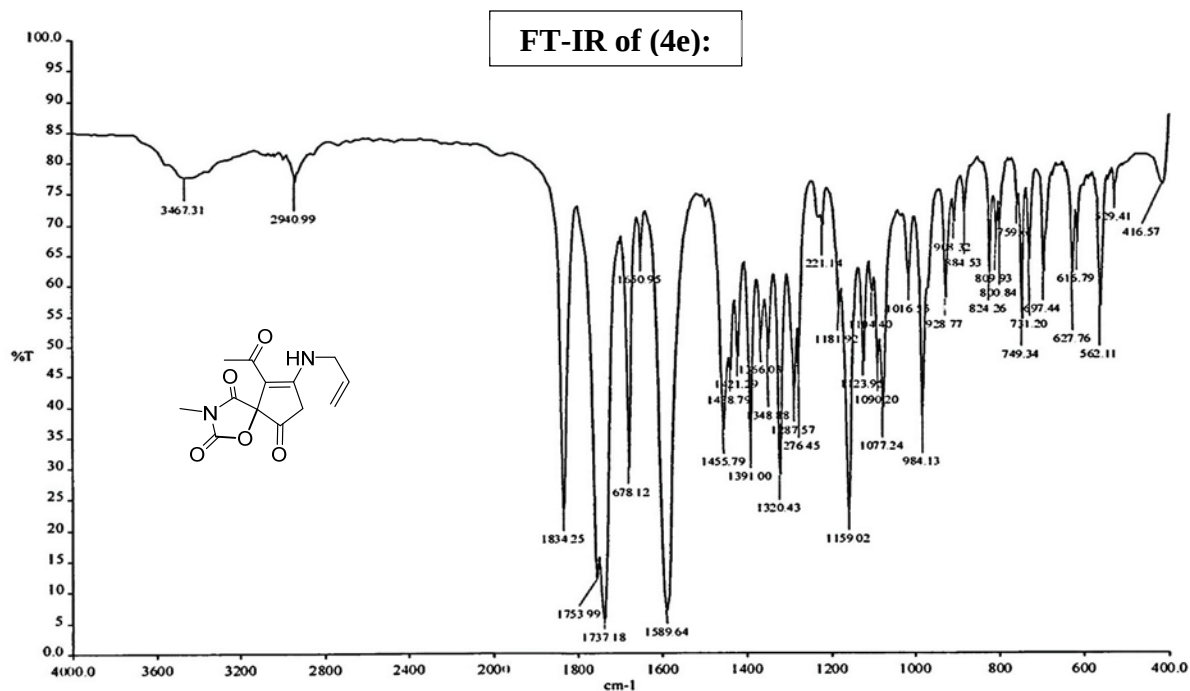


¹H NMR (300 MHz, CDCl₃) of (4d):

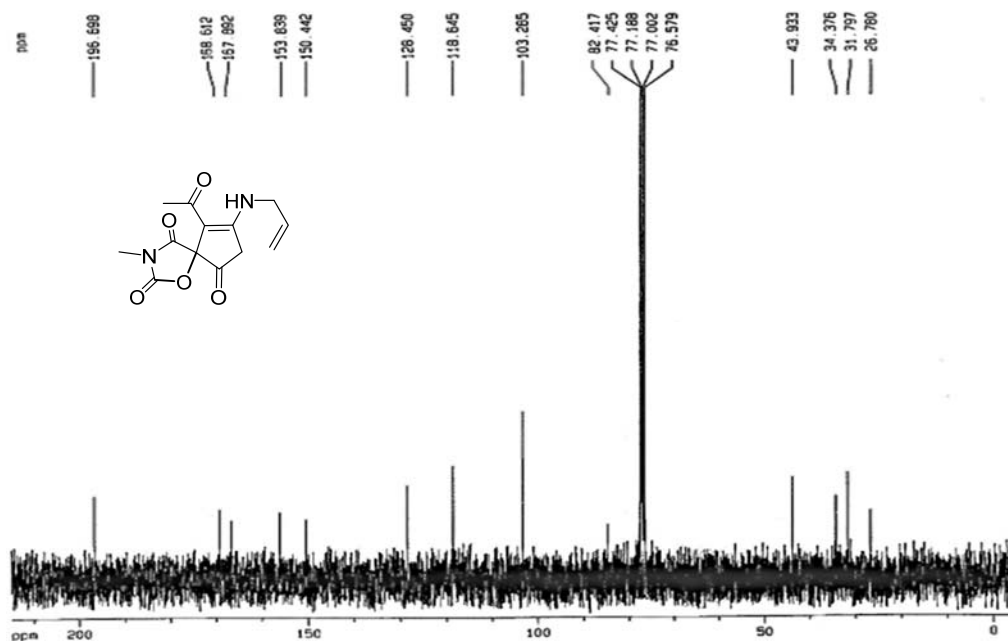


¹³C NMR (75 MHz, CDCl₃) of (4d):

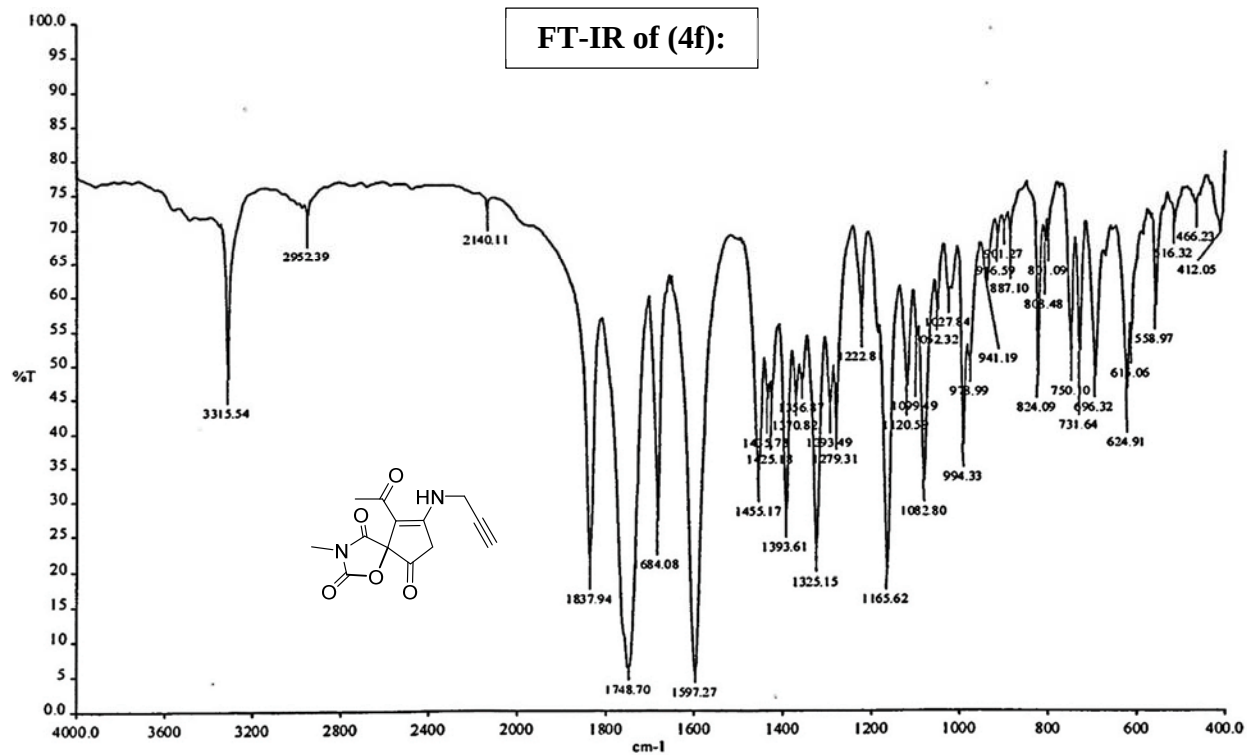


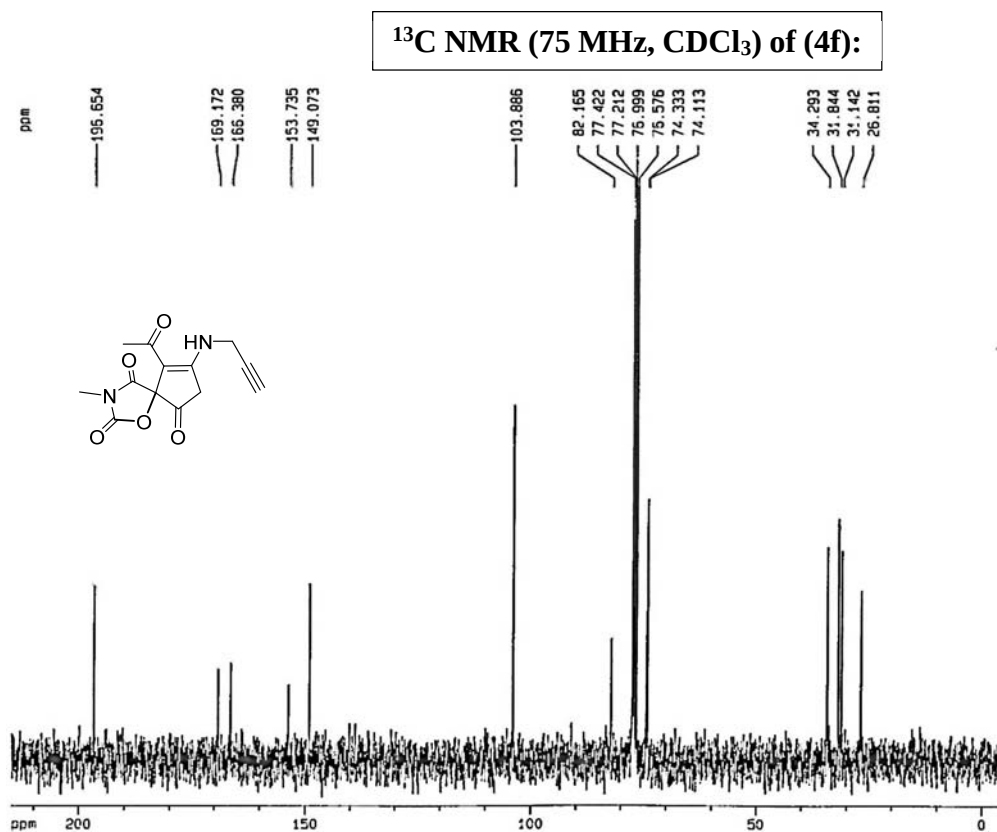
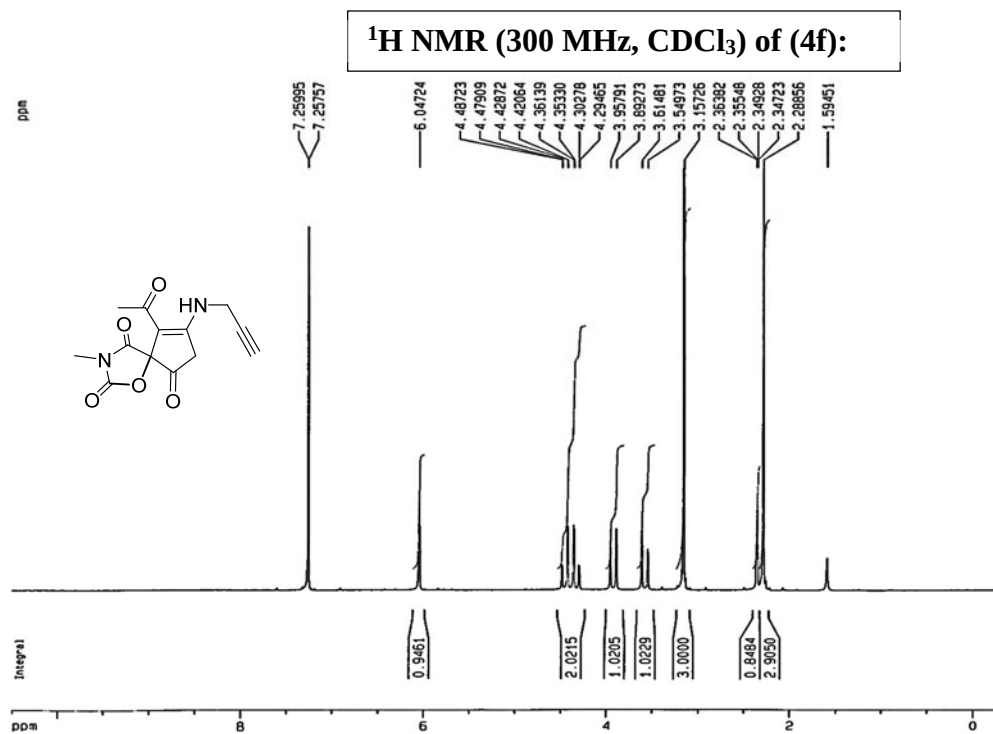


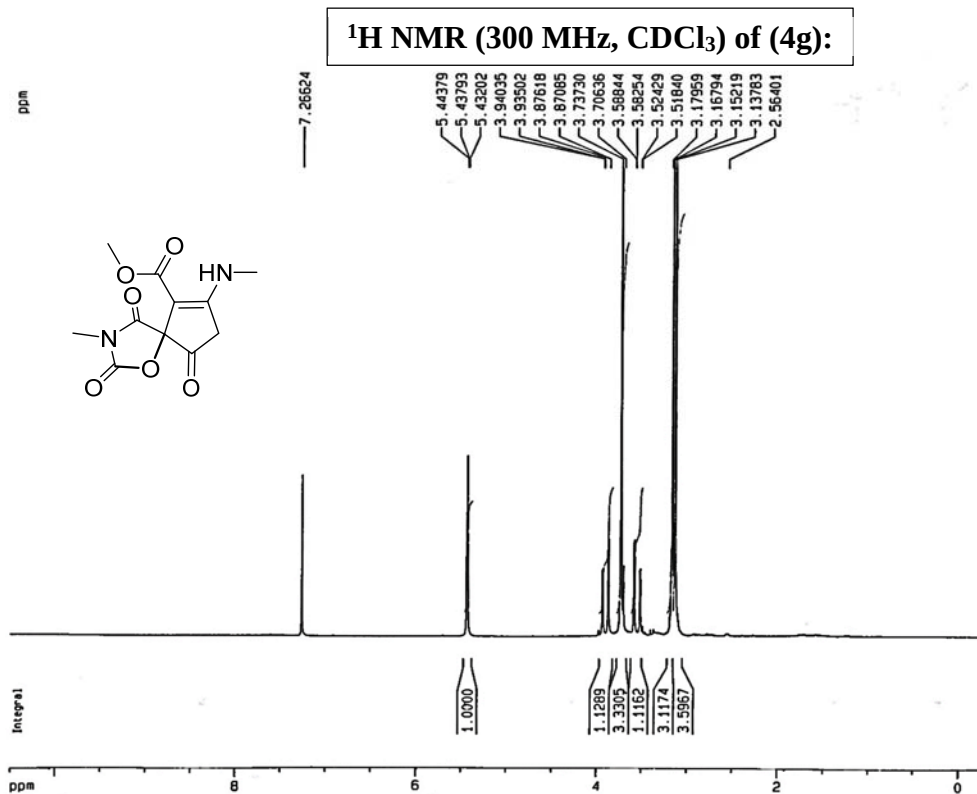
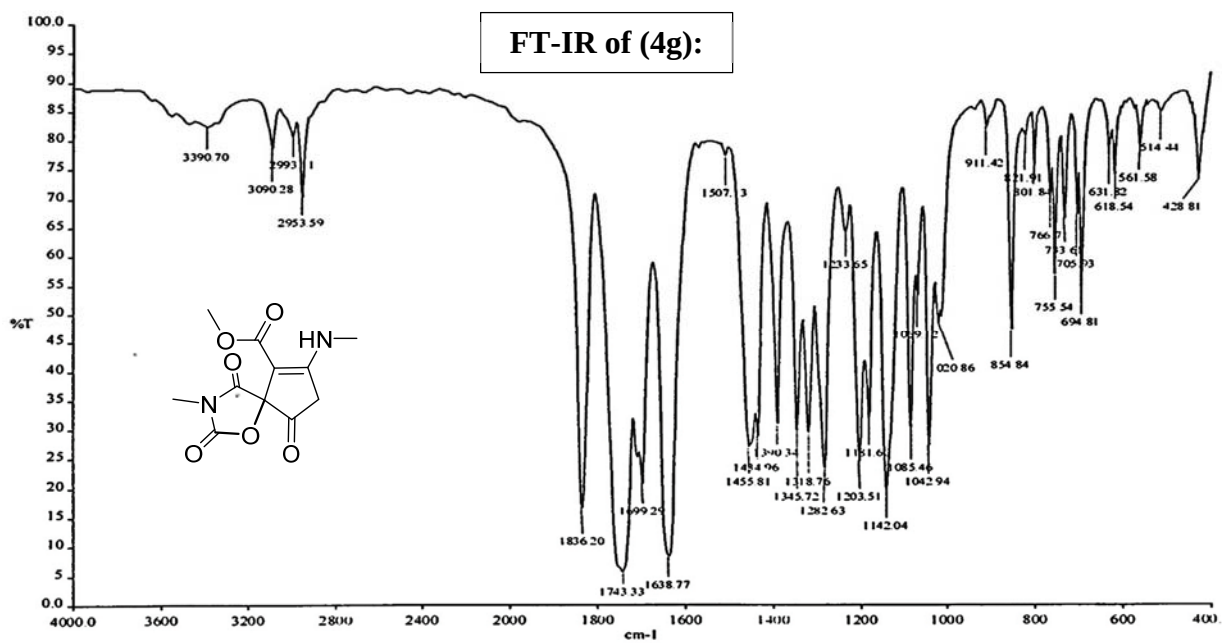
¹³C NMR (75 MHz, CDCl₃) of (4e):

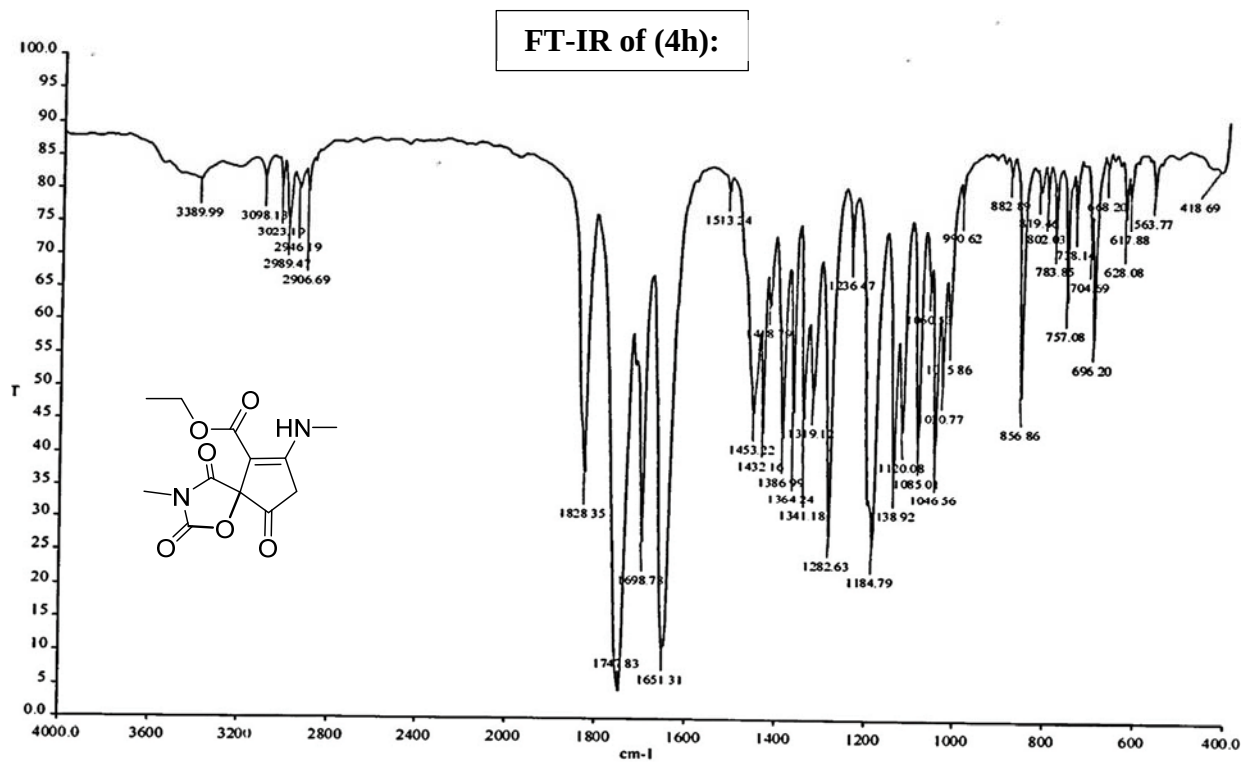
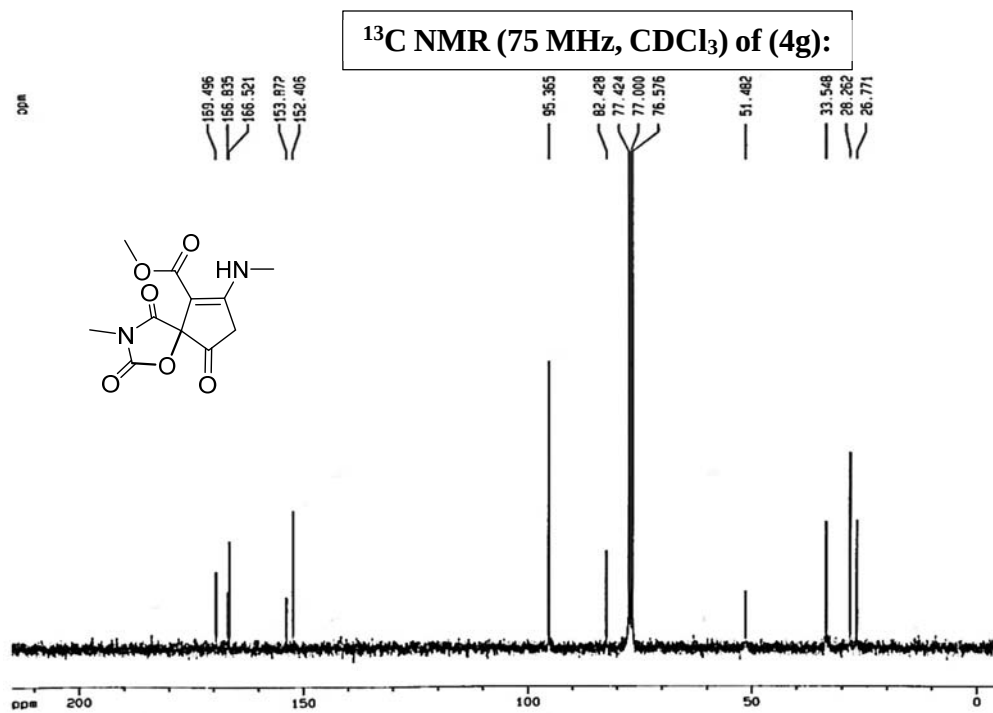


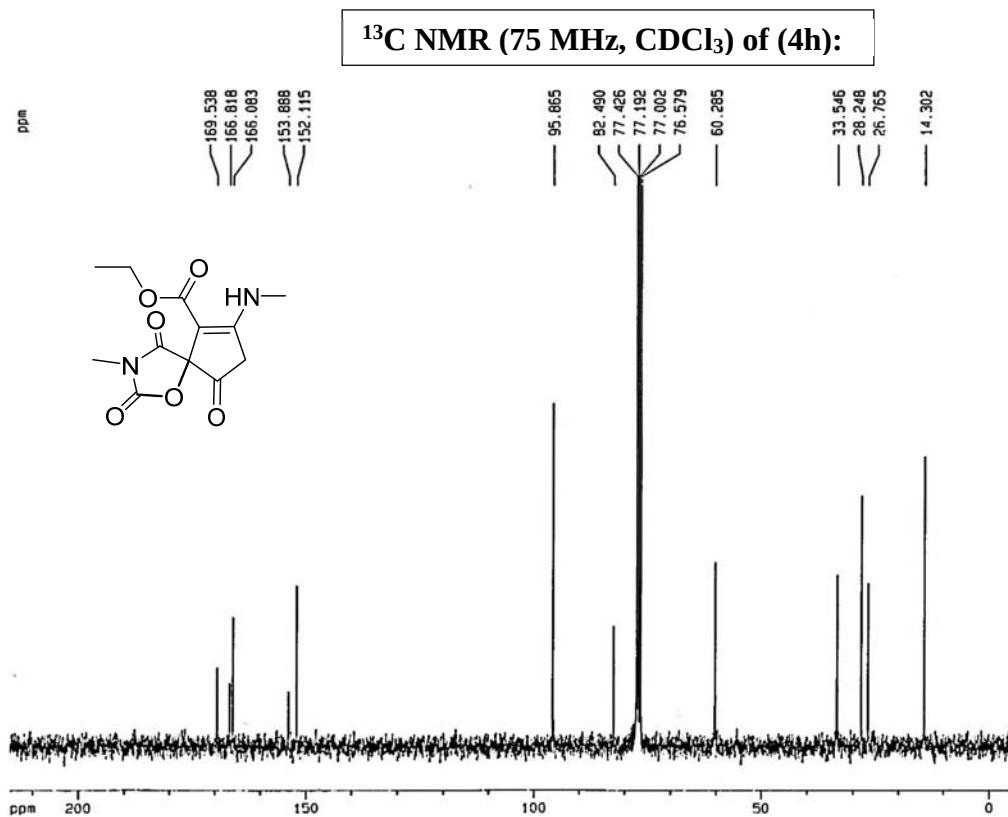
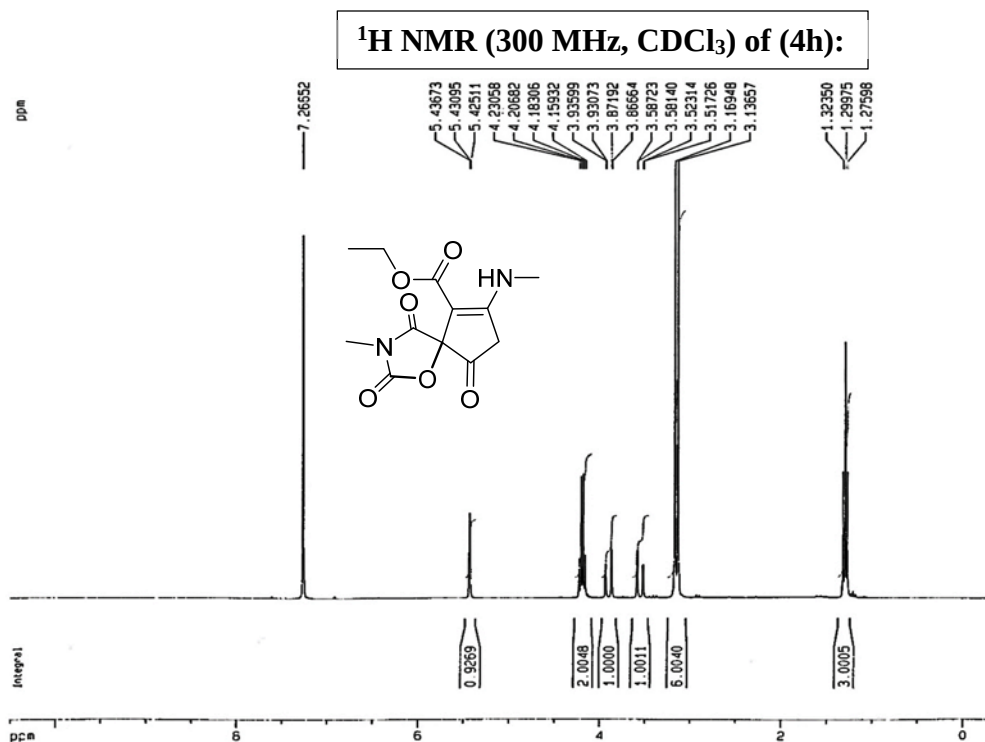
FT-IR of (4f):



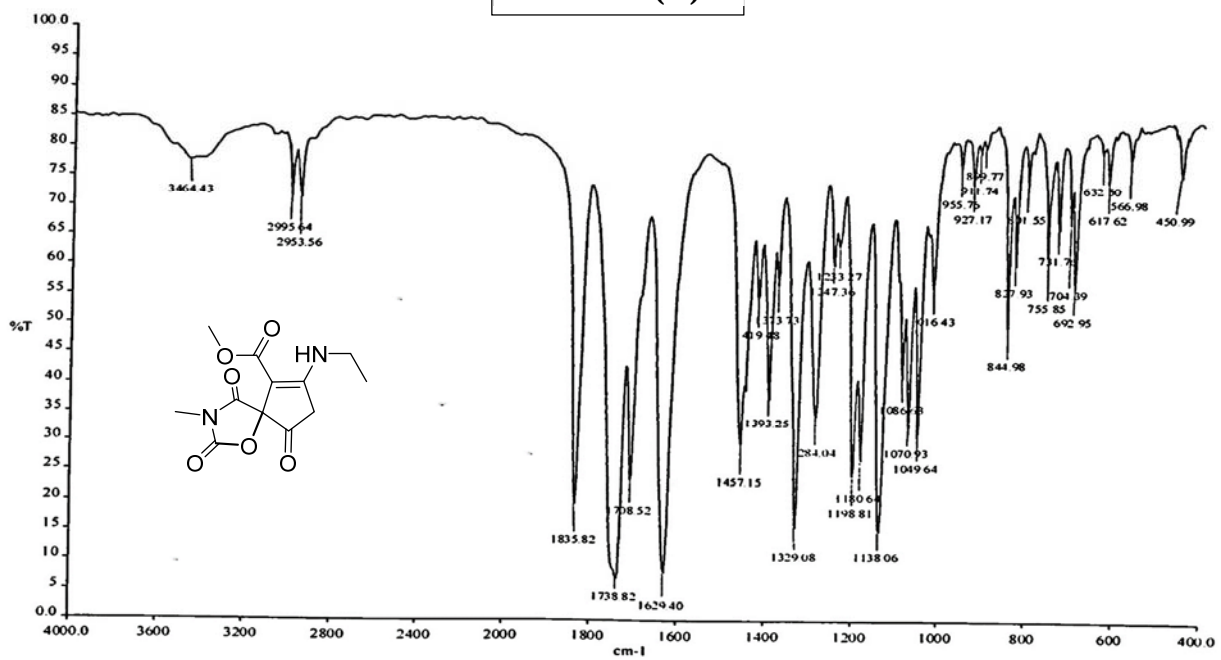




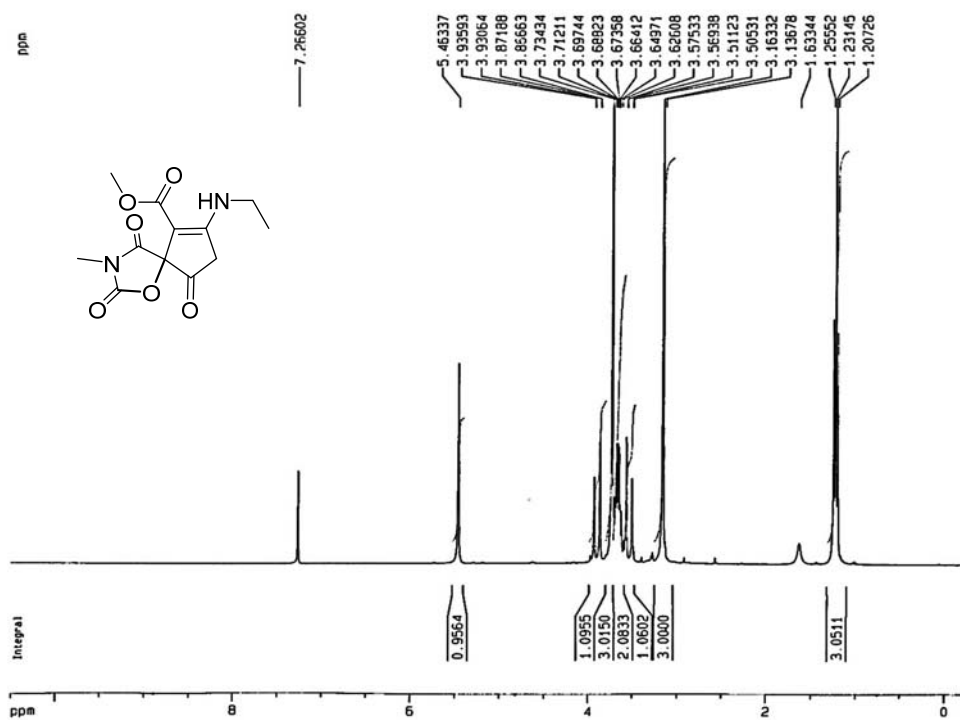


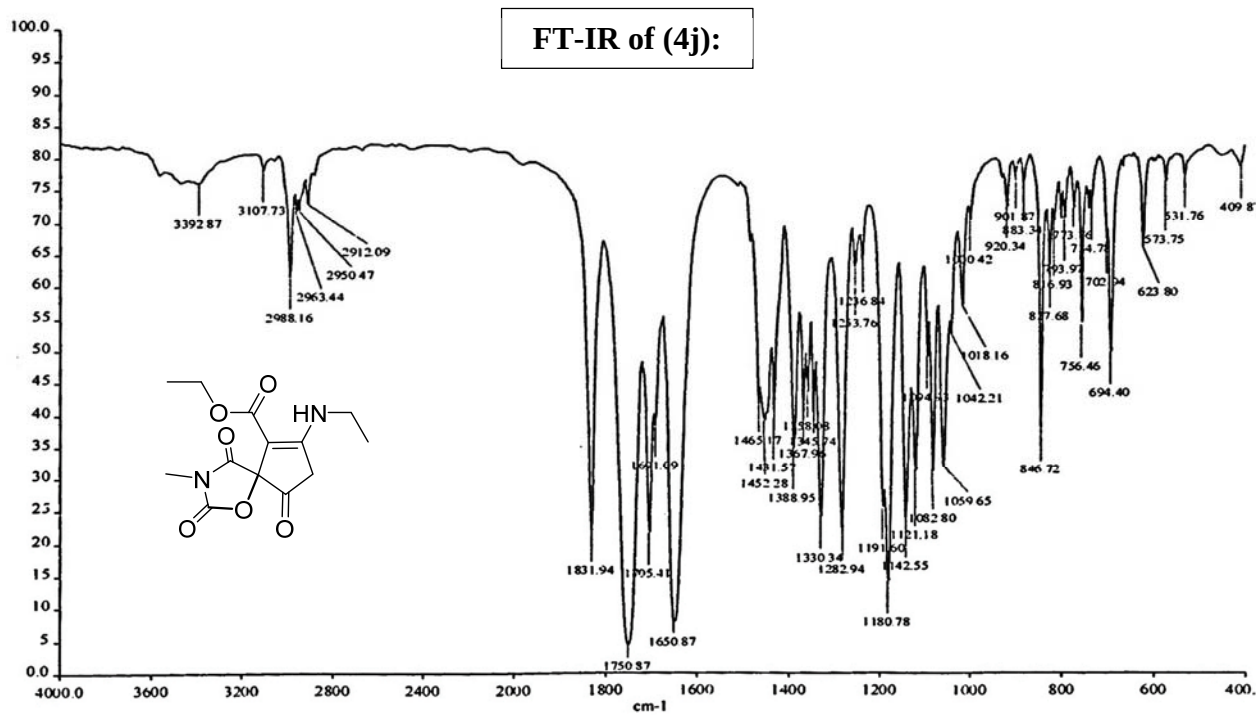
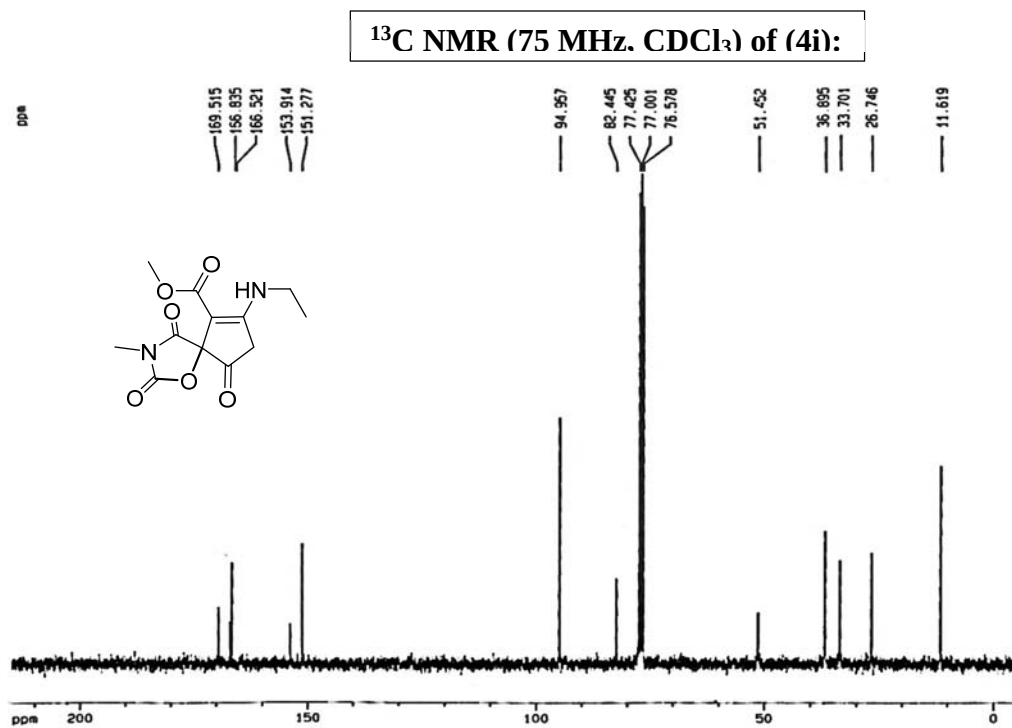


FT-IR of (4i):

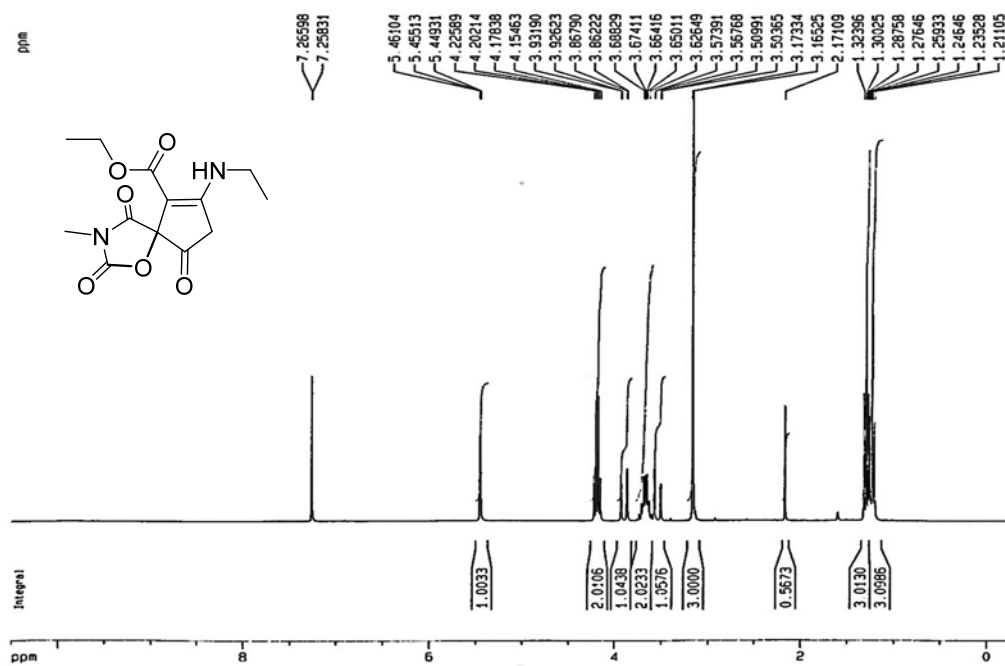


¹H NMR (300 MHz, CDCl₃) of (4i):

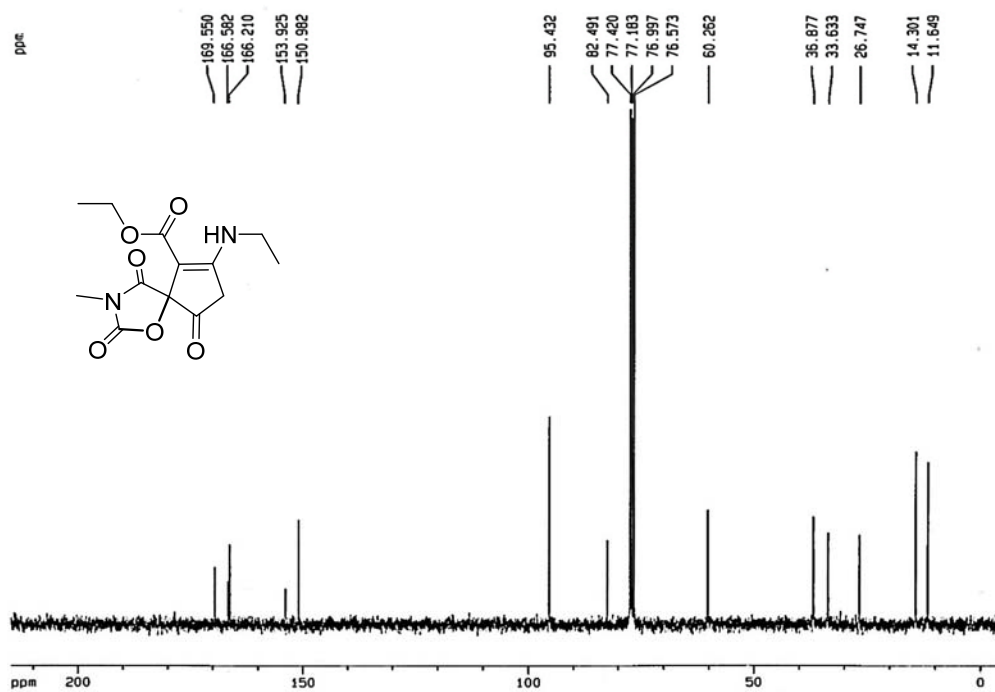


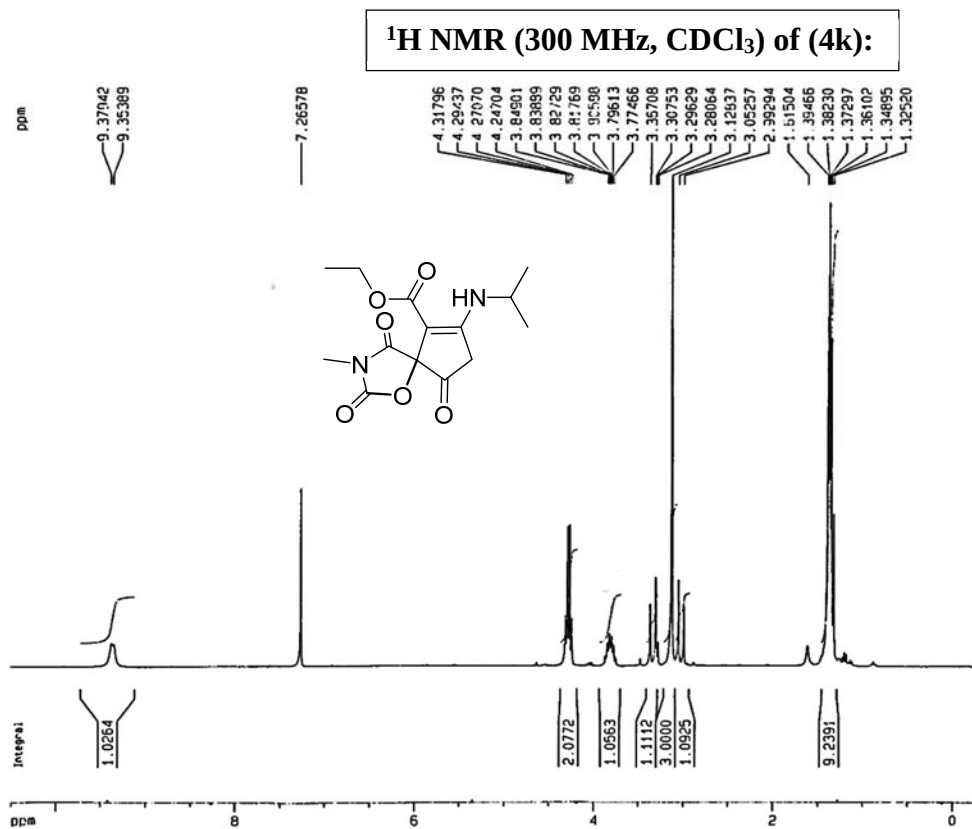
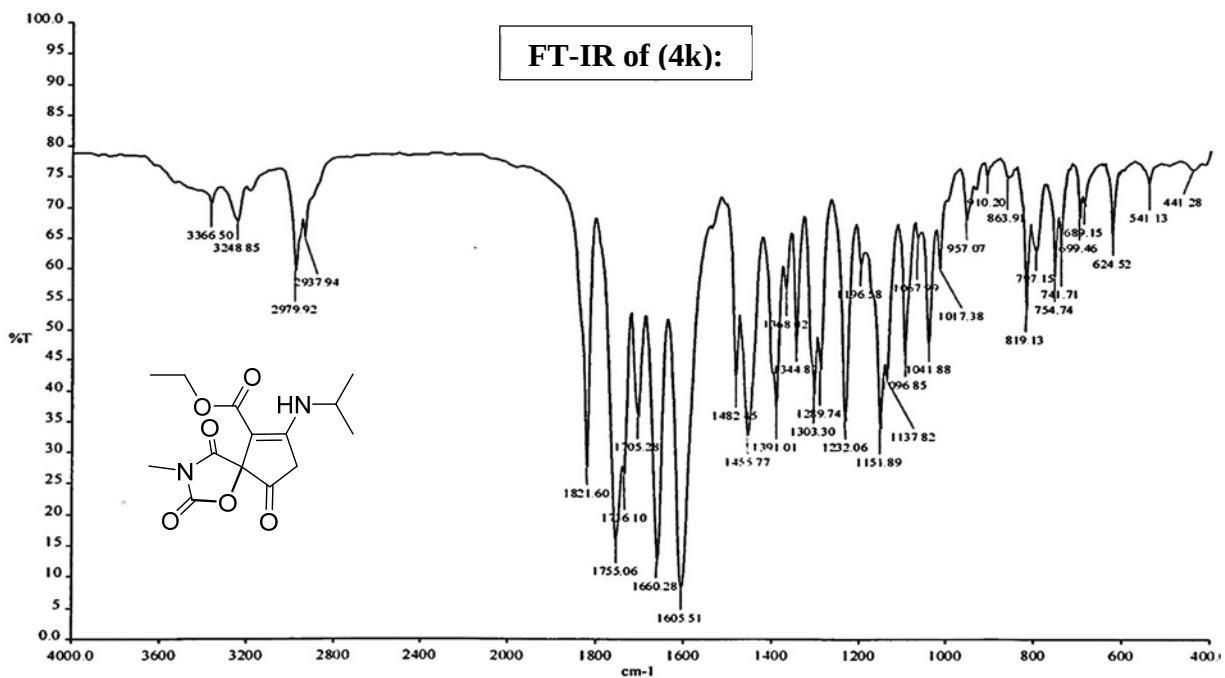


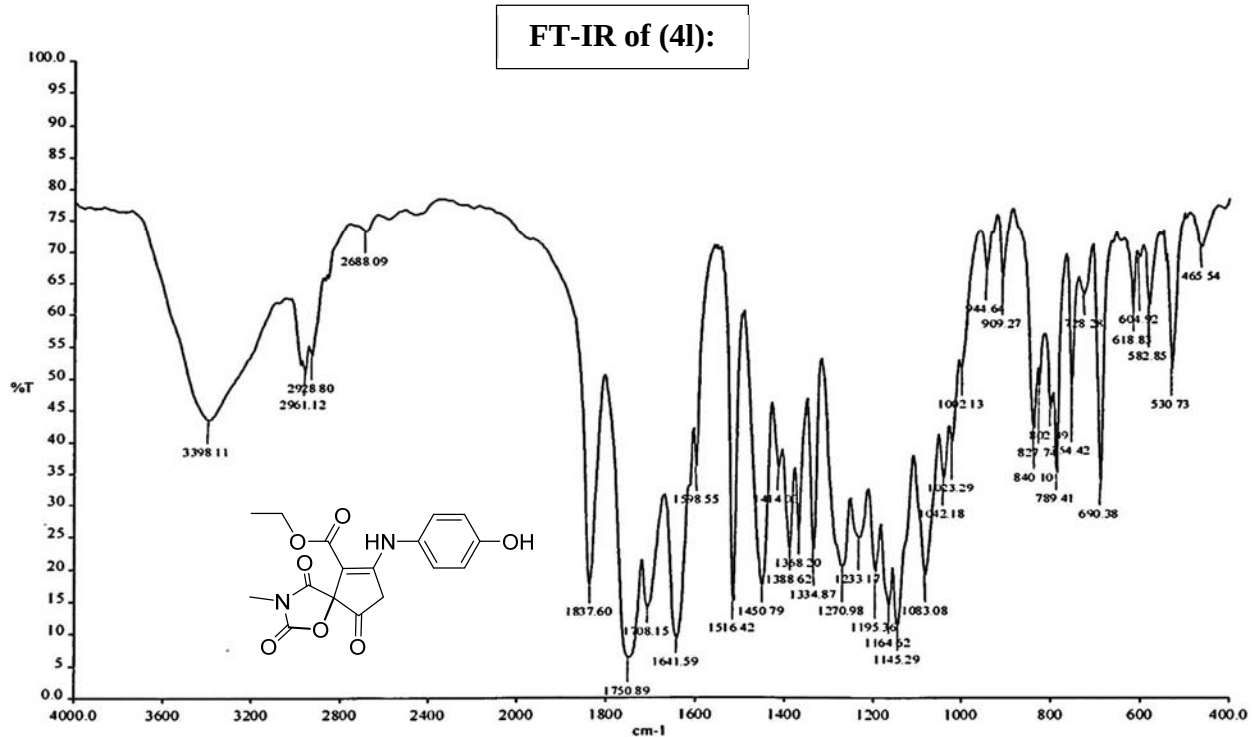
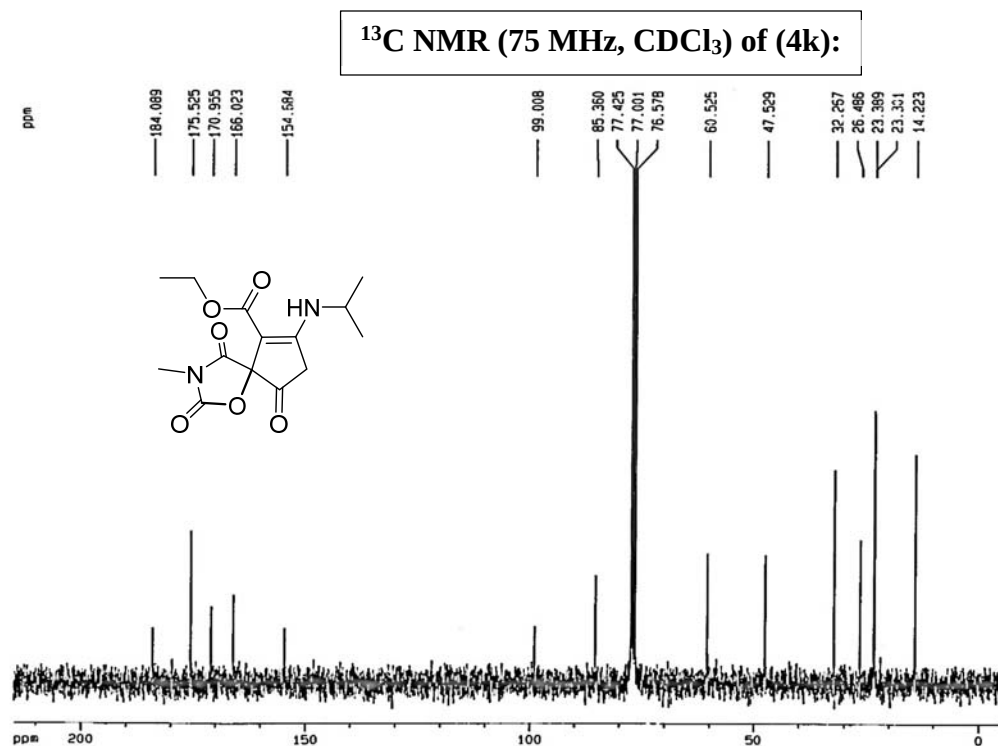
¹H NMR (300 MHz, CDCl₃) of (4j):



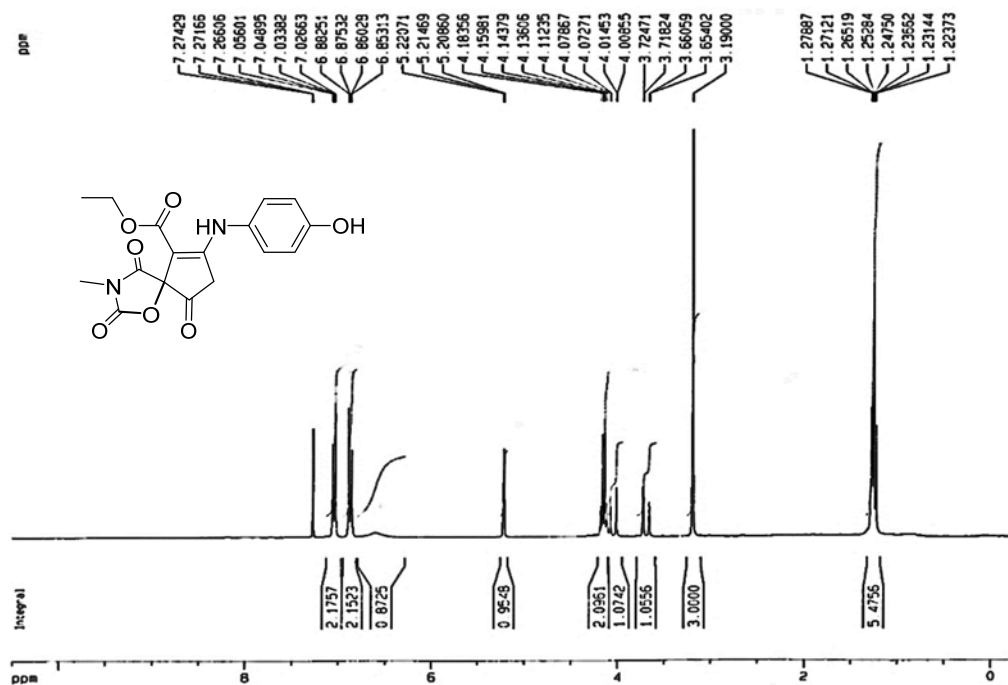
¹³C NMR (75 MHz, CDCl₃) of (4j):



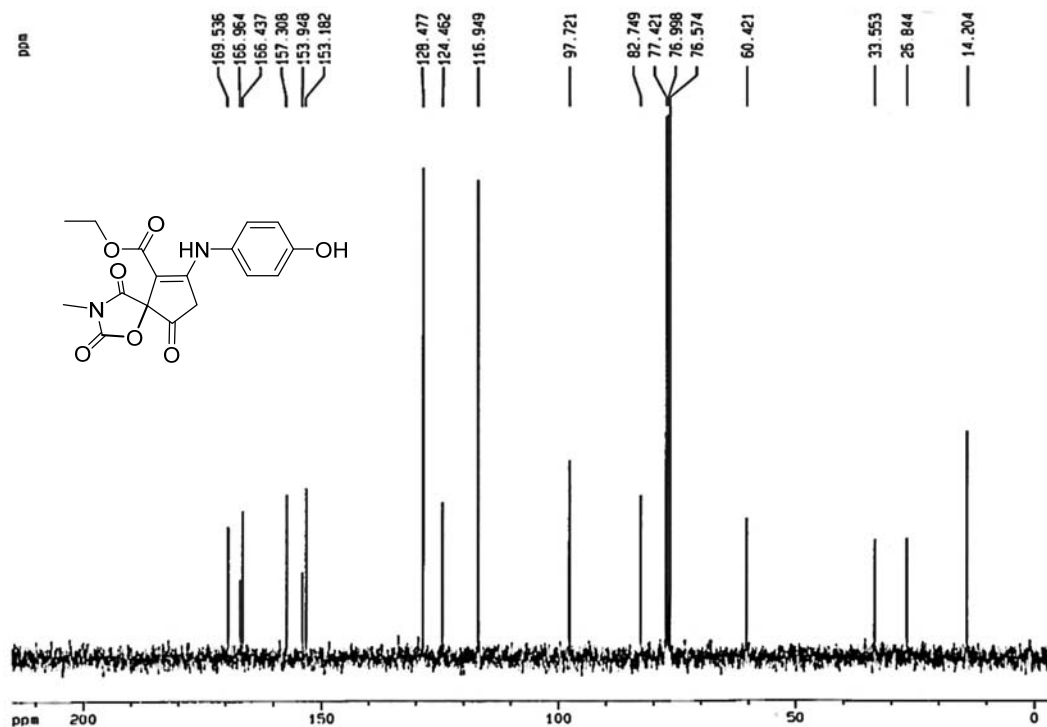


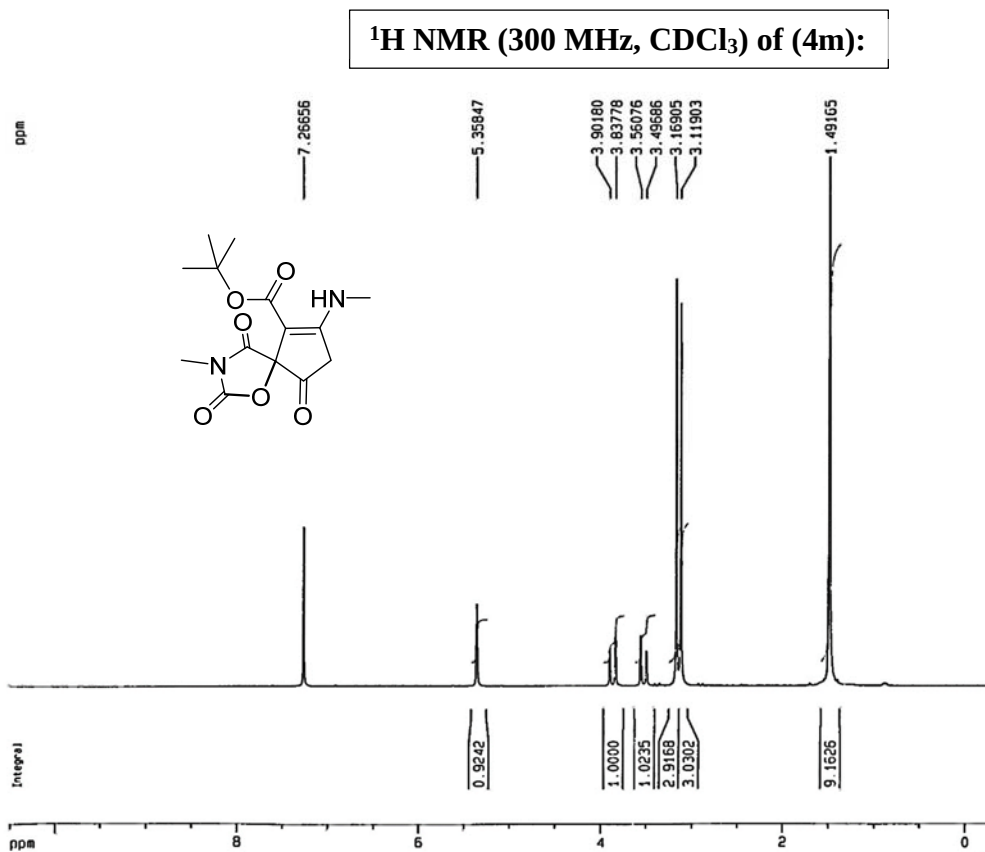
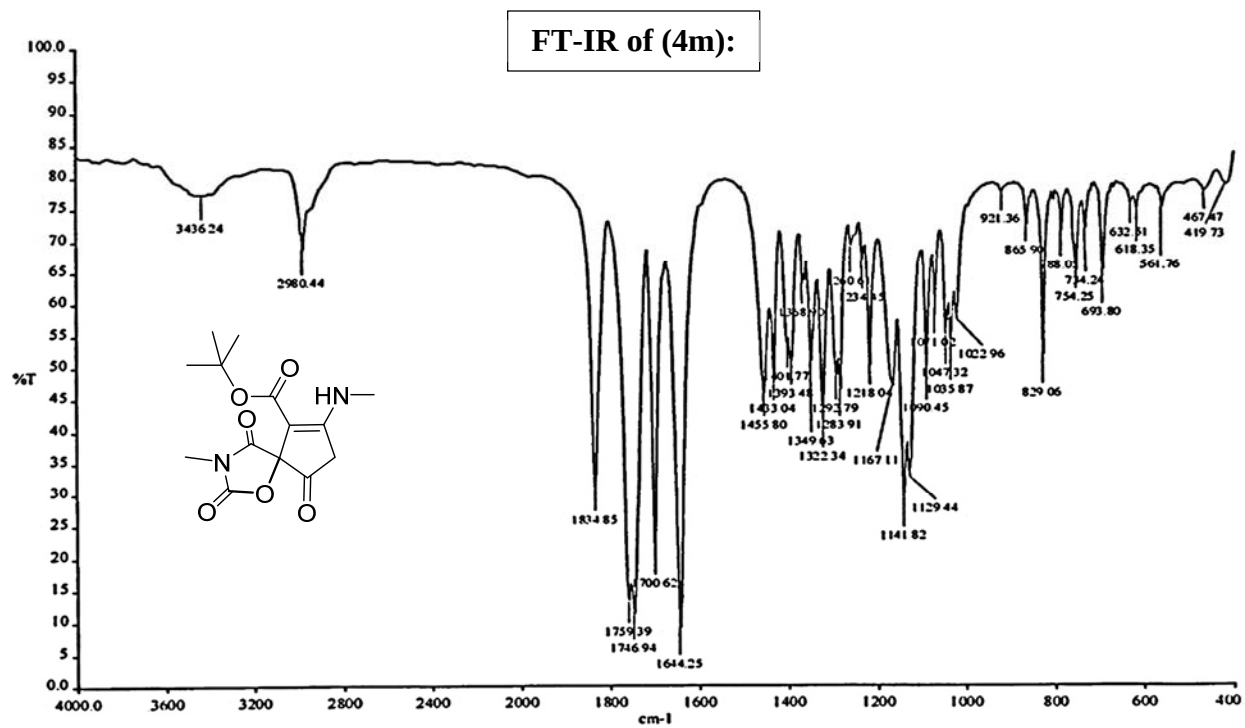


¹H NMR (300 MHz, CDCl₃) of (4l):

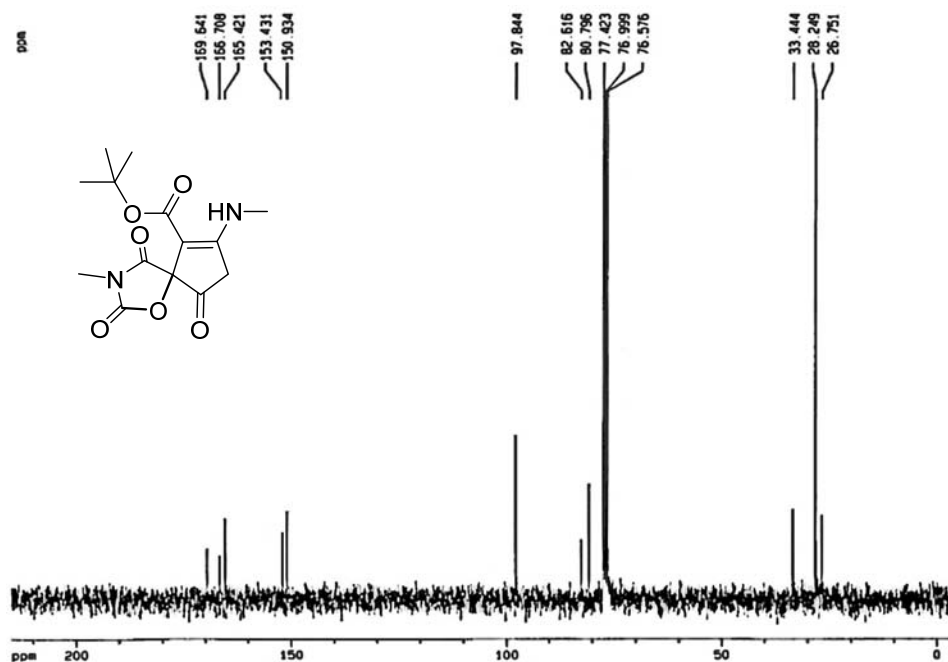


¹³C NMR (75 MHz, CDCl₃) of (4l):

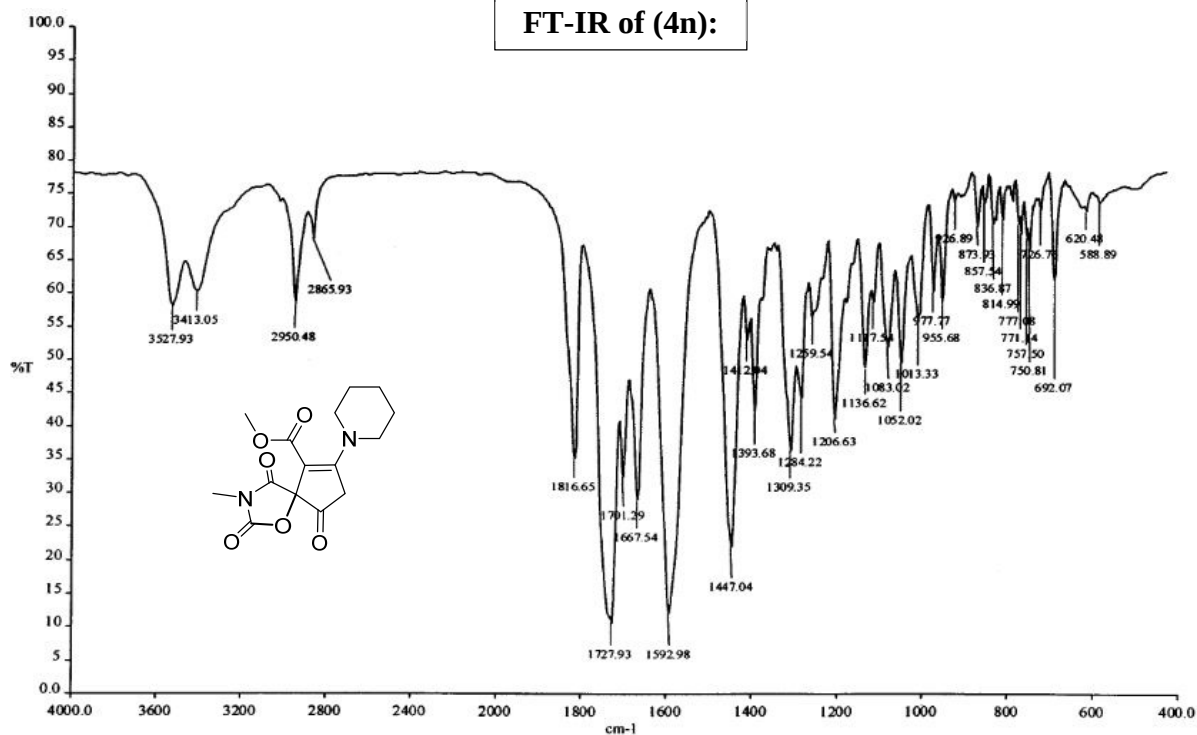




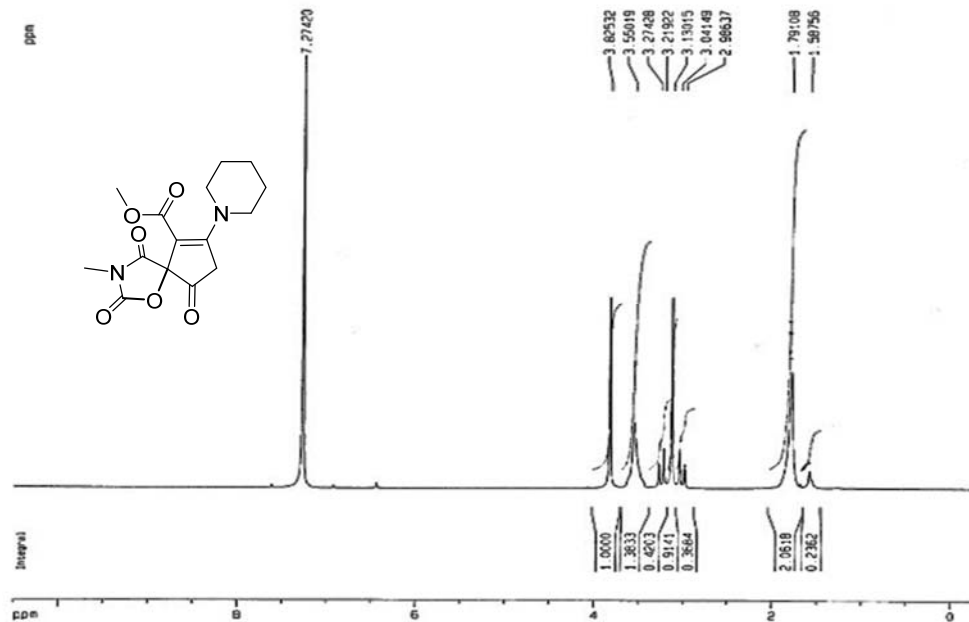
^{13}C NMR (75 MHz, CDCl_3) of (4m):



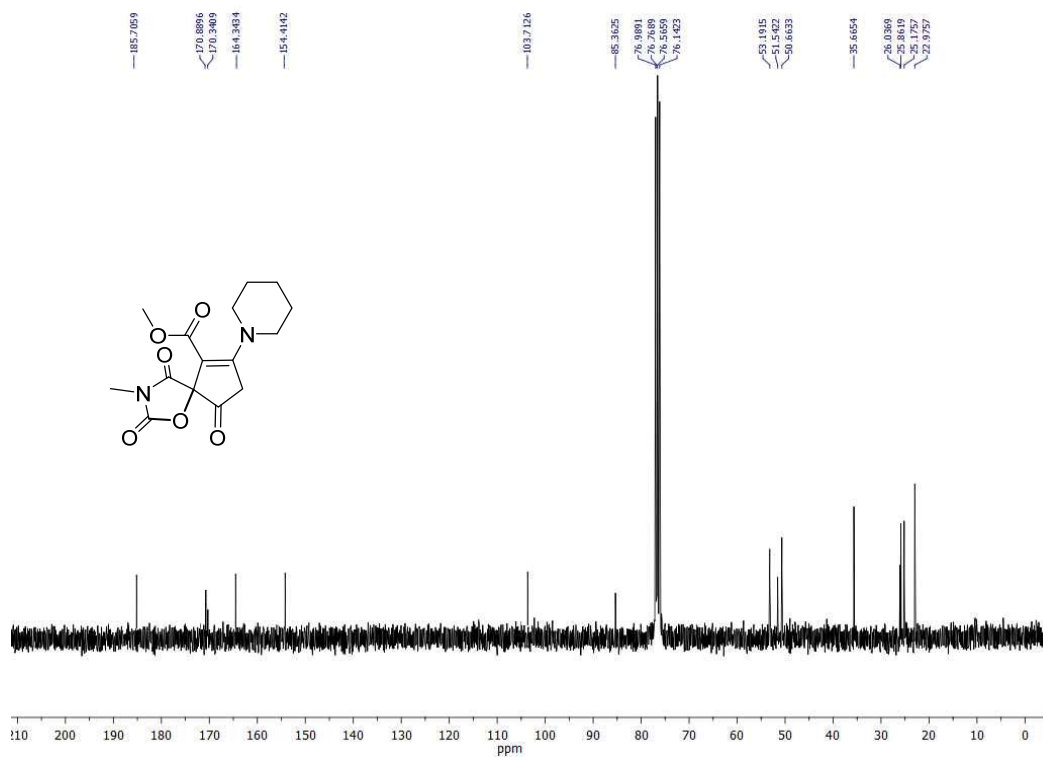
FT-IR of (4n):

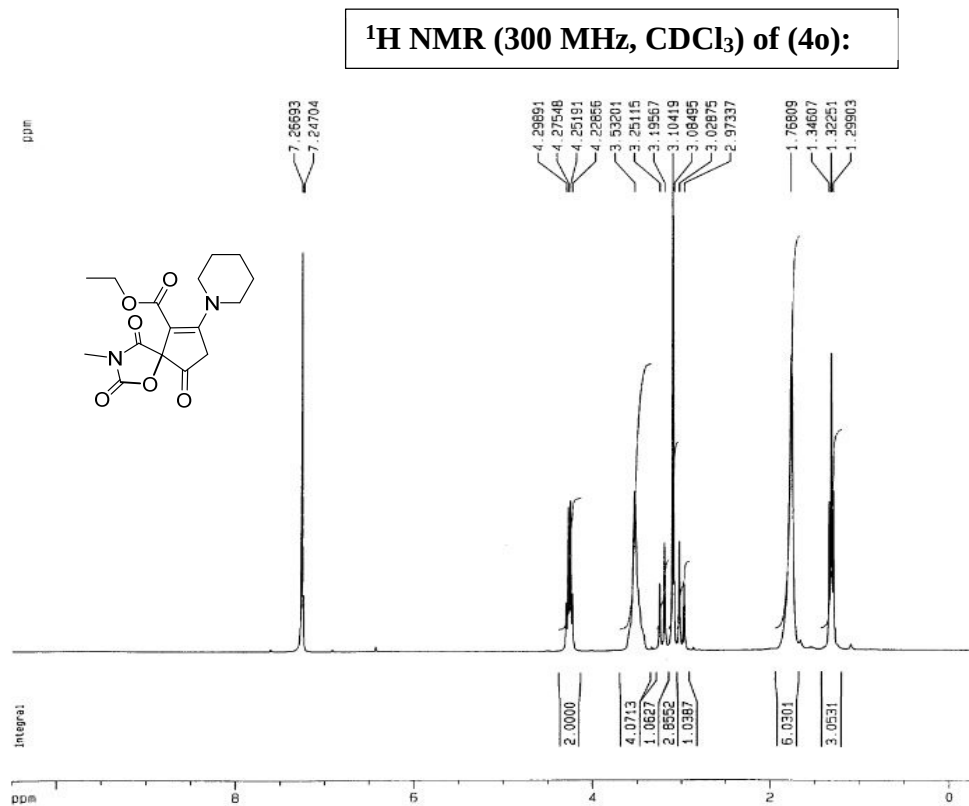
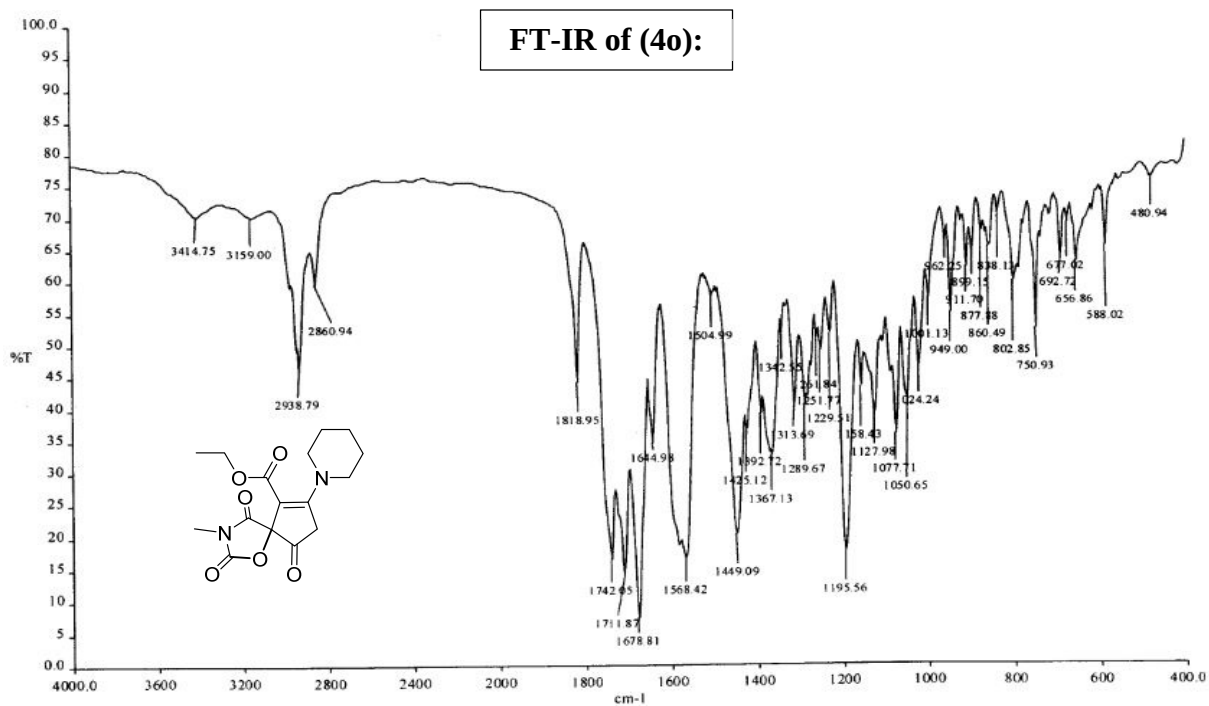


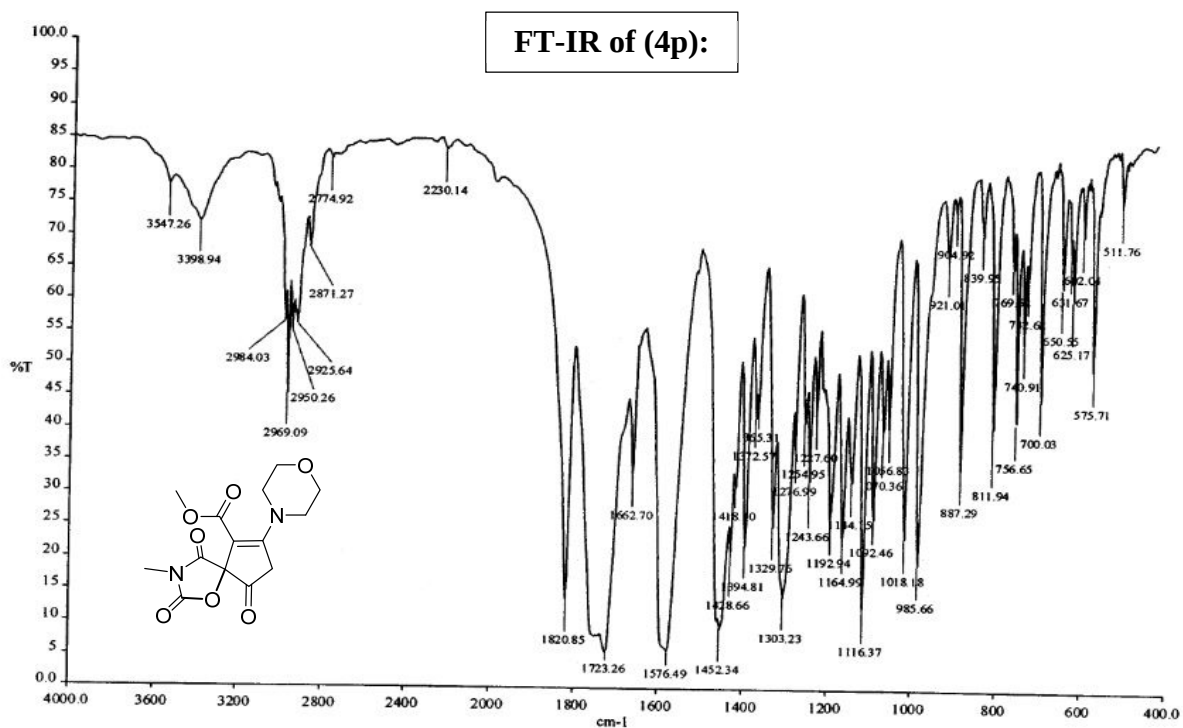
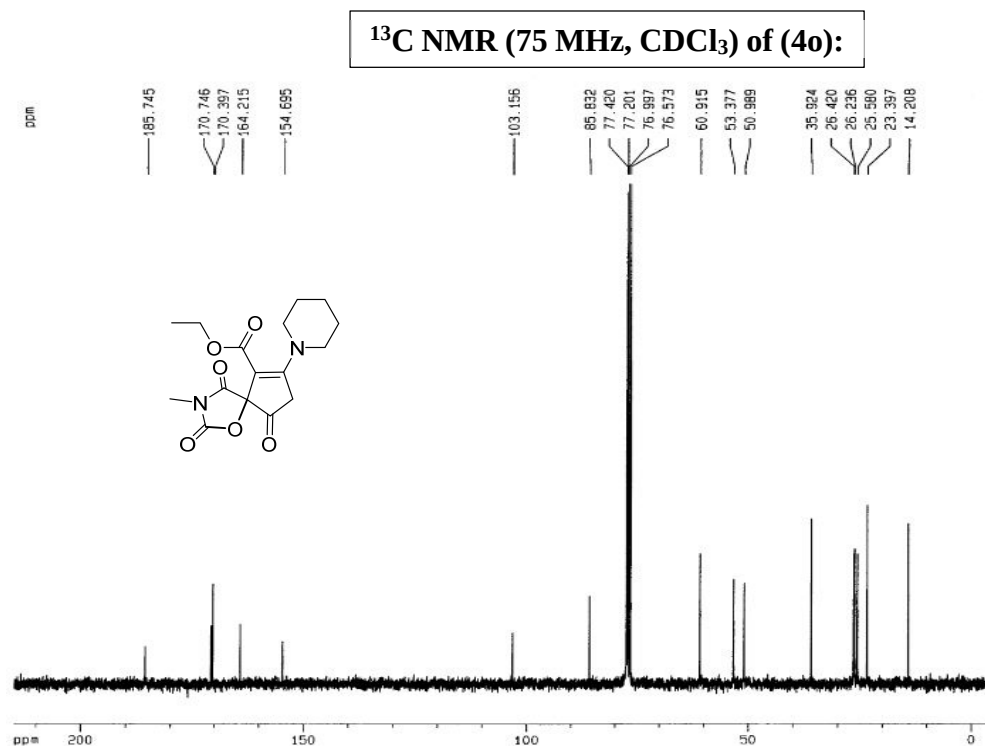
^1H NMR (300 MHz, CDCl_3) of (4n):



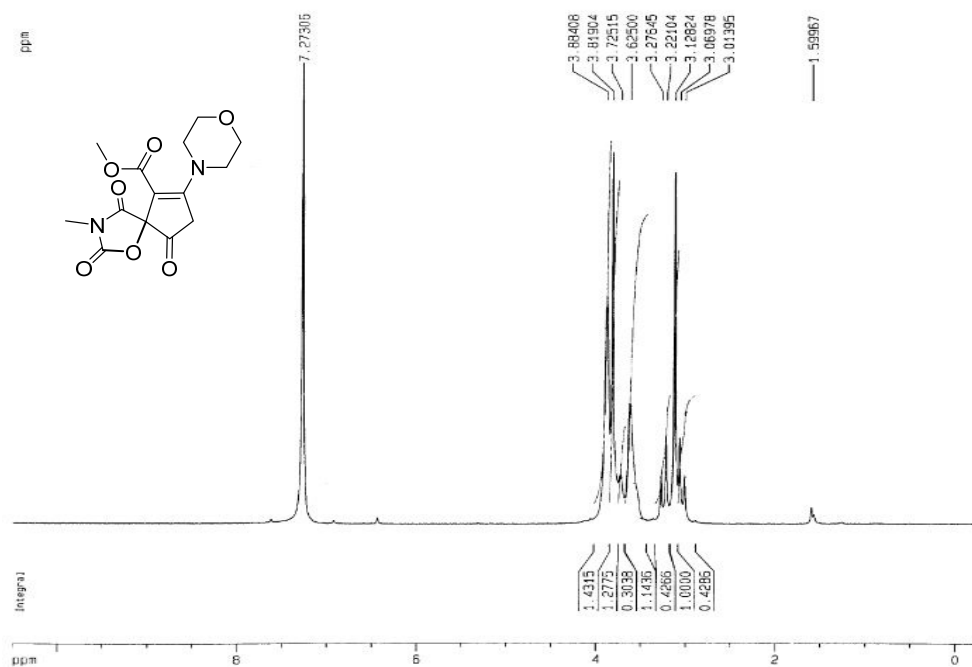
^{13}C NMR (300 MHz, CDCl_3) of (4n):



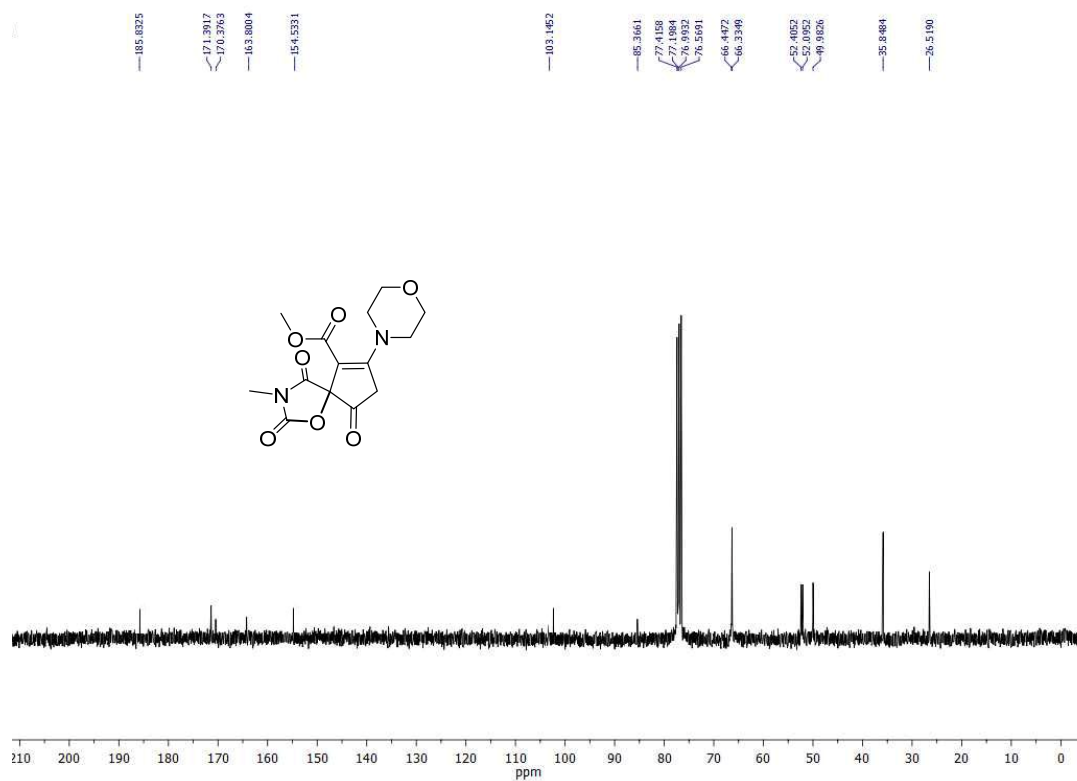


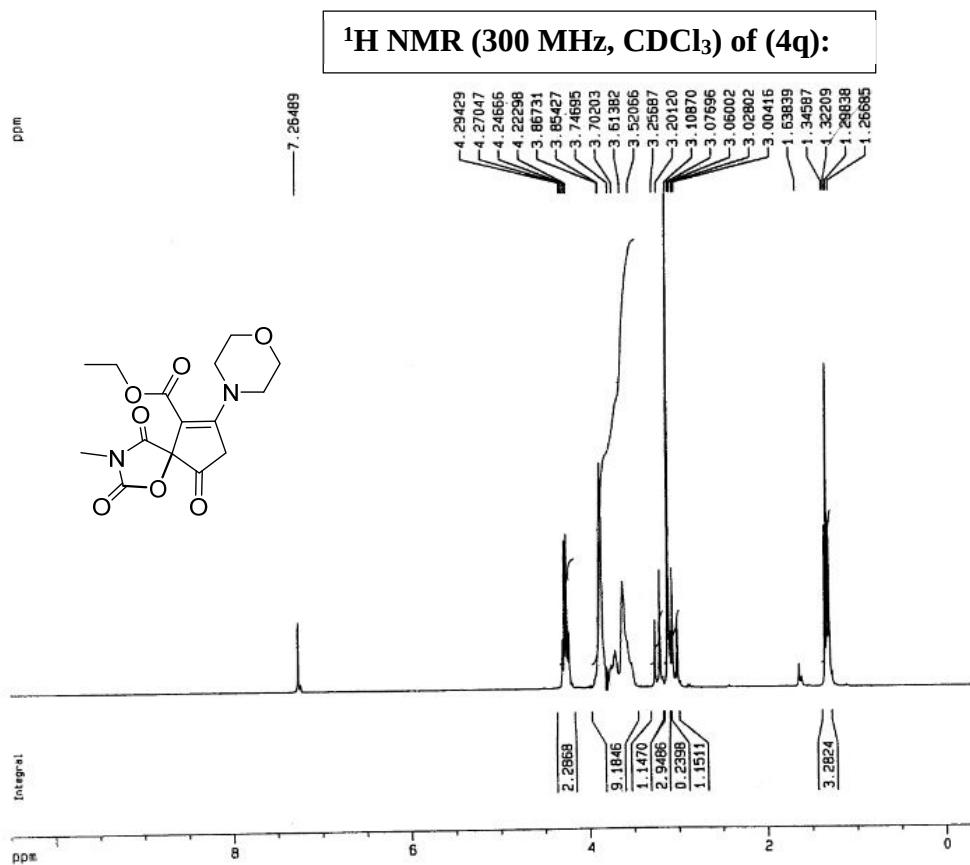
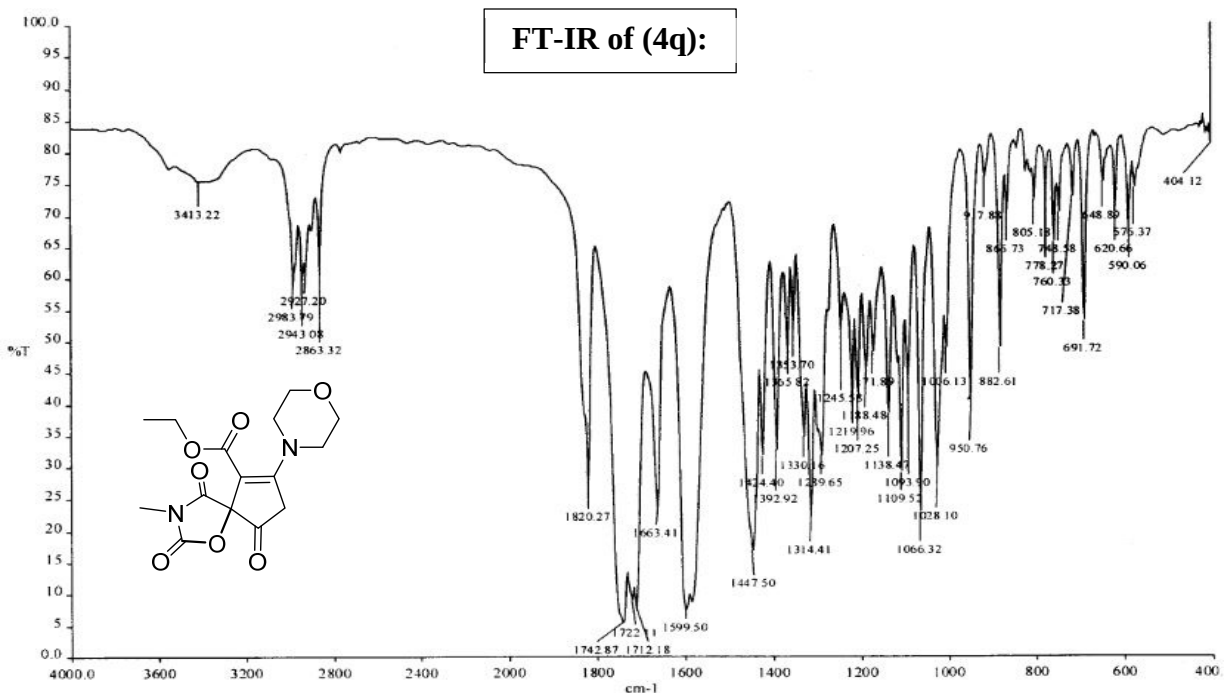


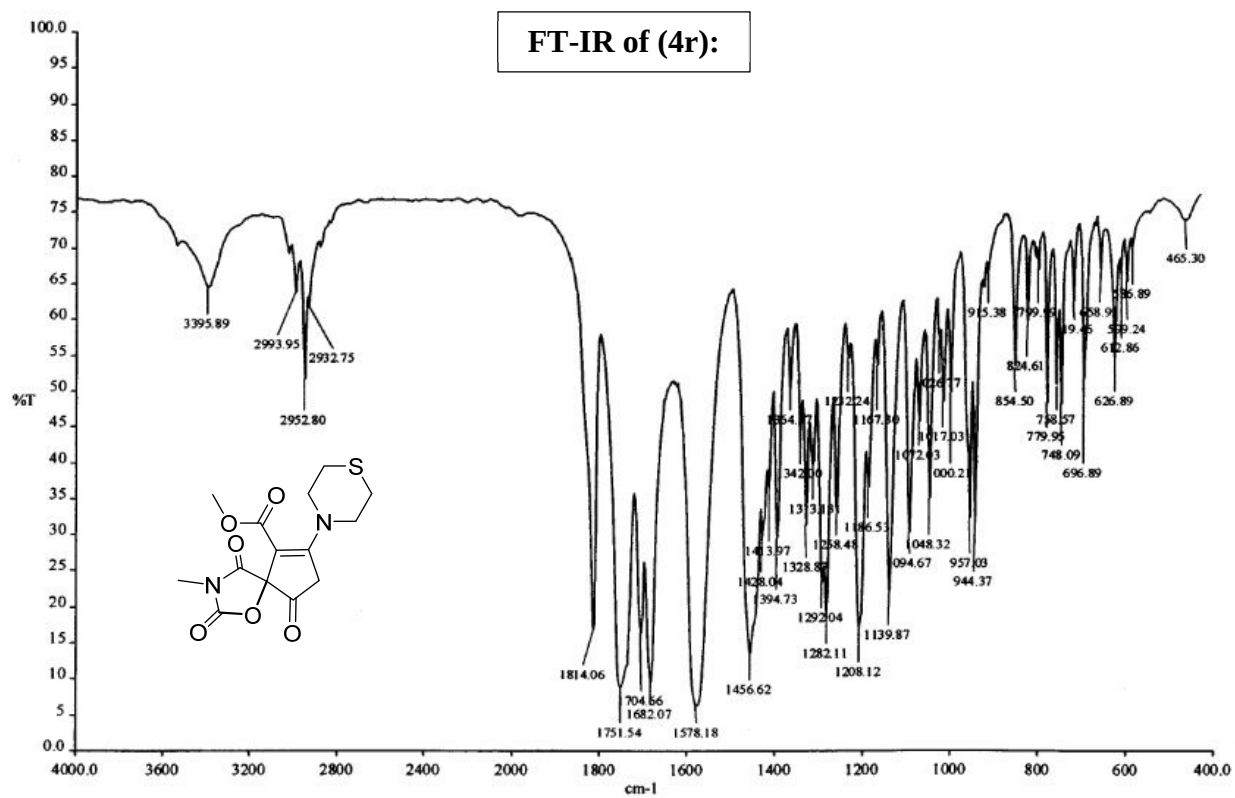
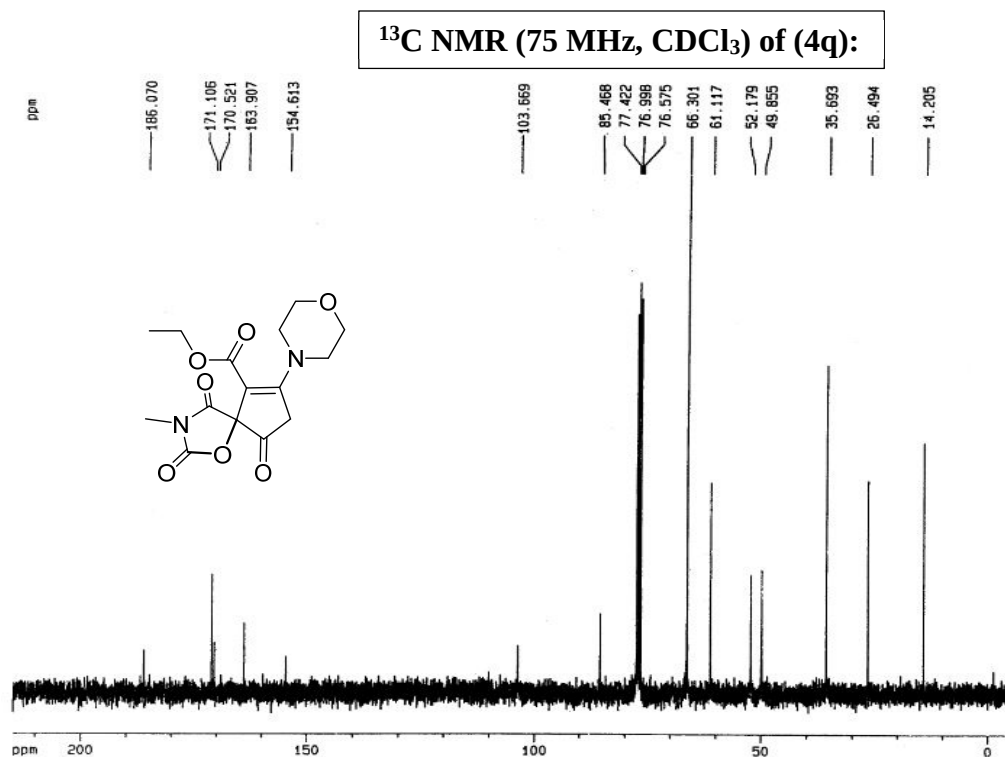
^1H NMR (300 MHz, CDCl_3) of (4p):



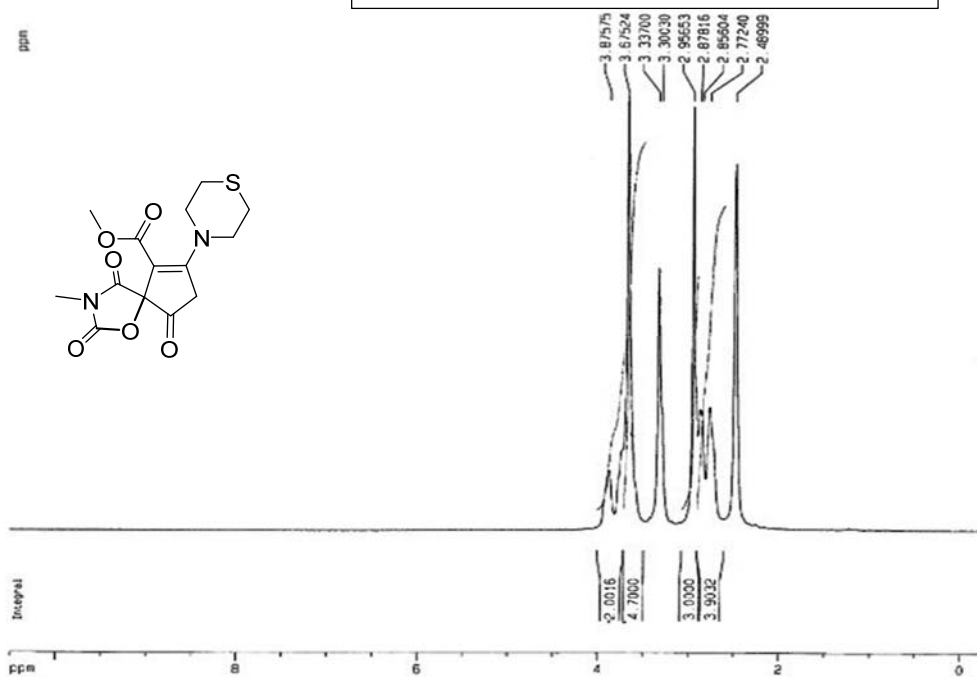
^{13}C NMR (300 MHz, CDCl_3) of (4p):



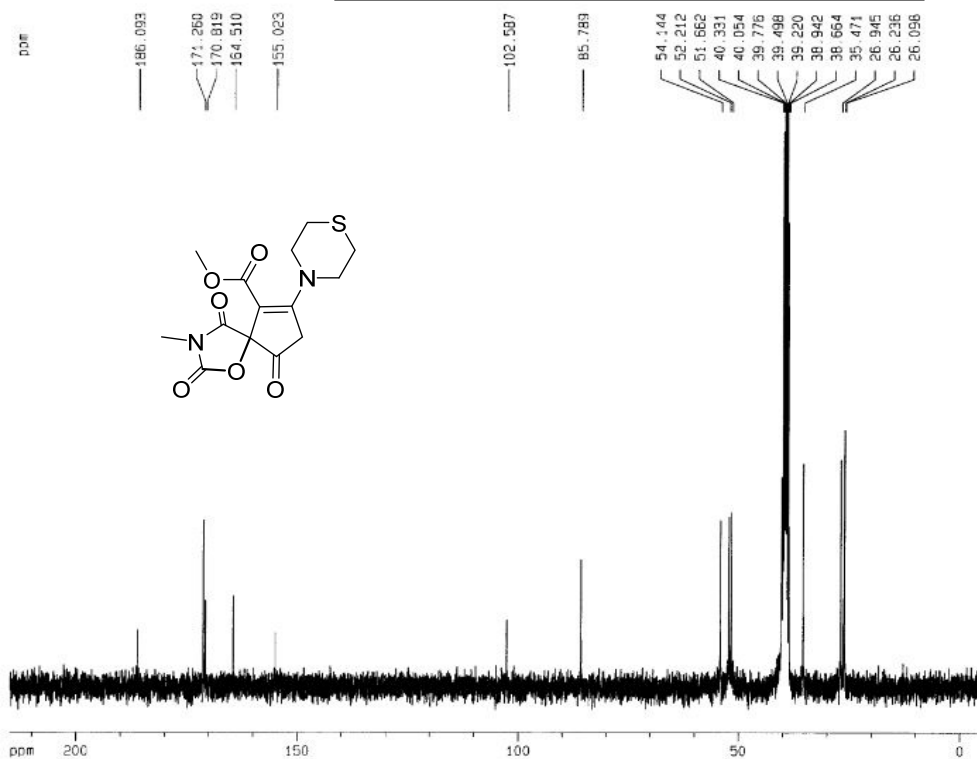




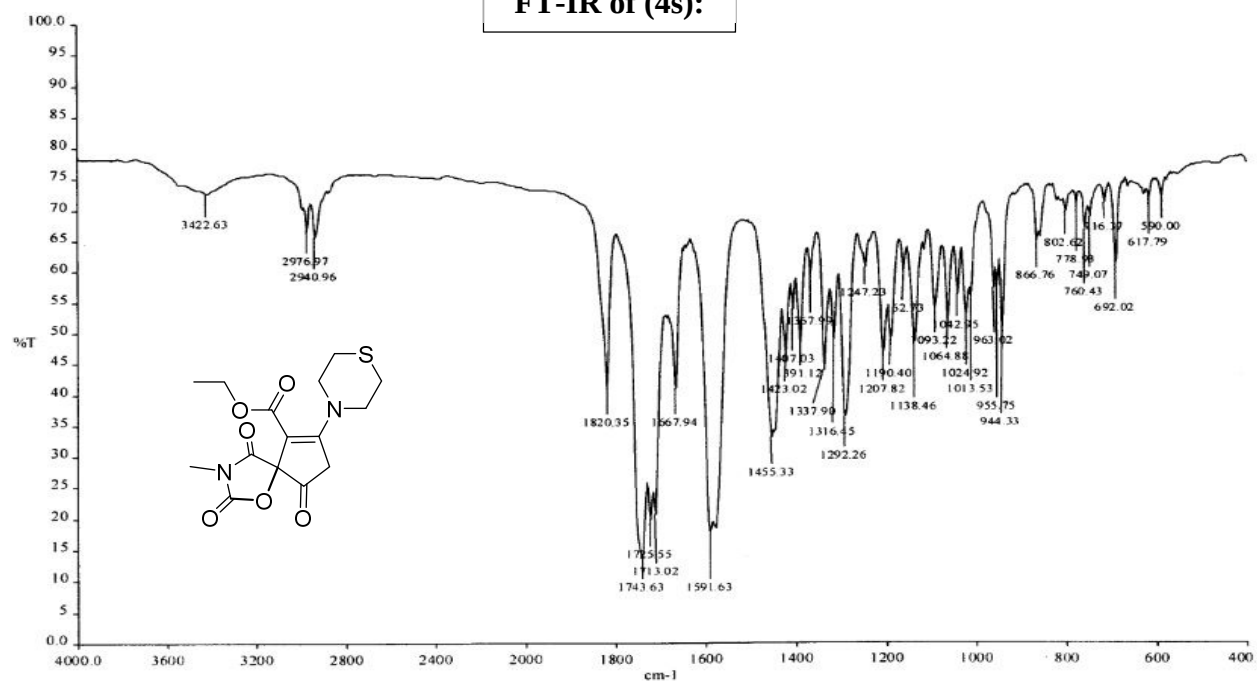
¹H NMR (300 MHz, DMSO-d₆) of (4r):



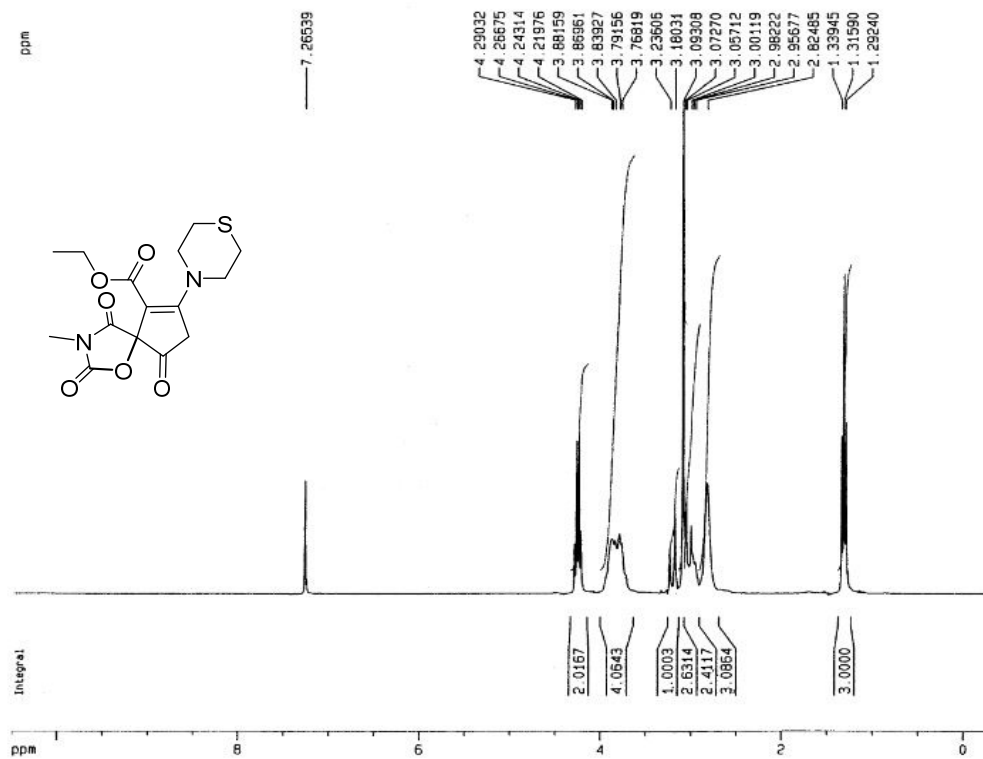
¹³C NMR (75 MHz, DMSO-d₆) of (4r):

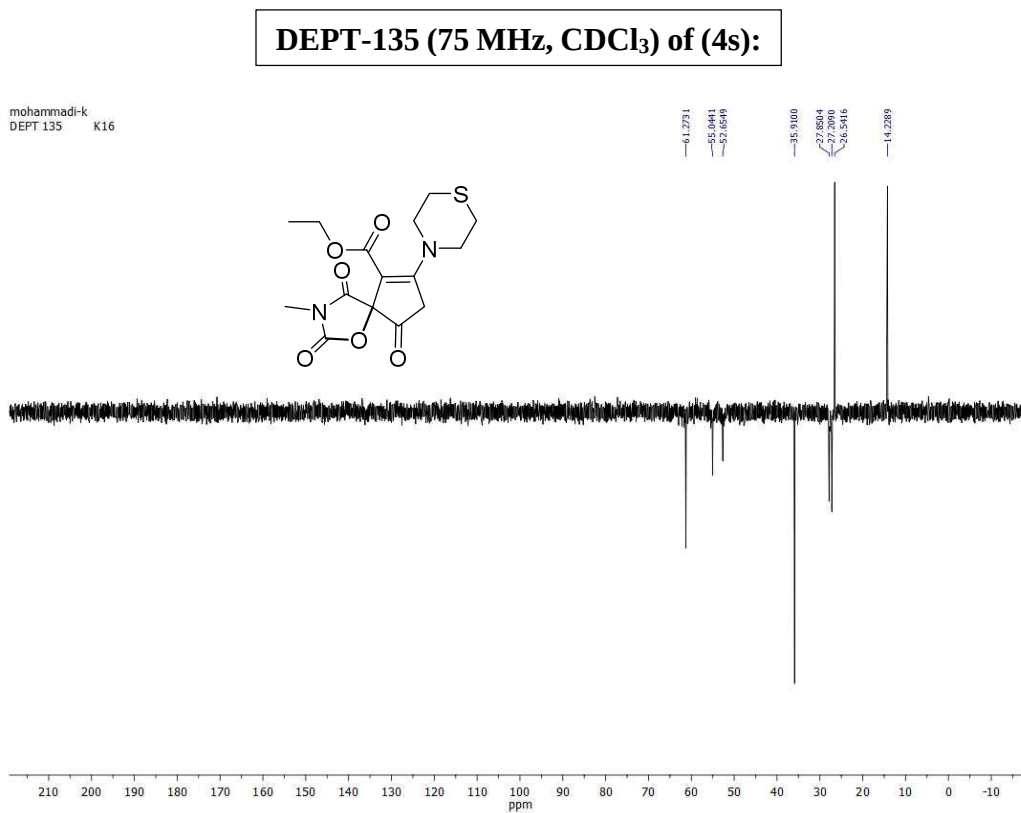
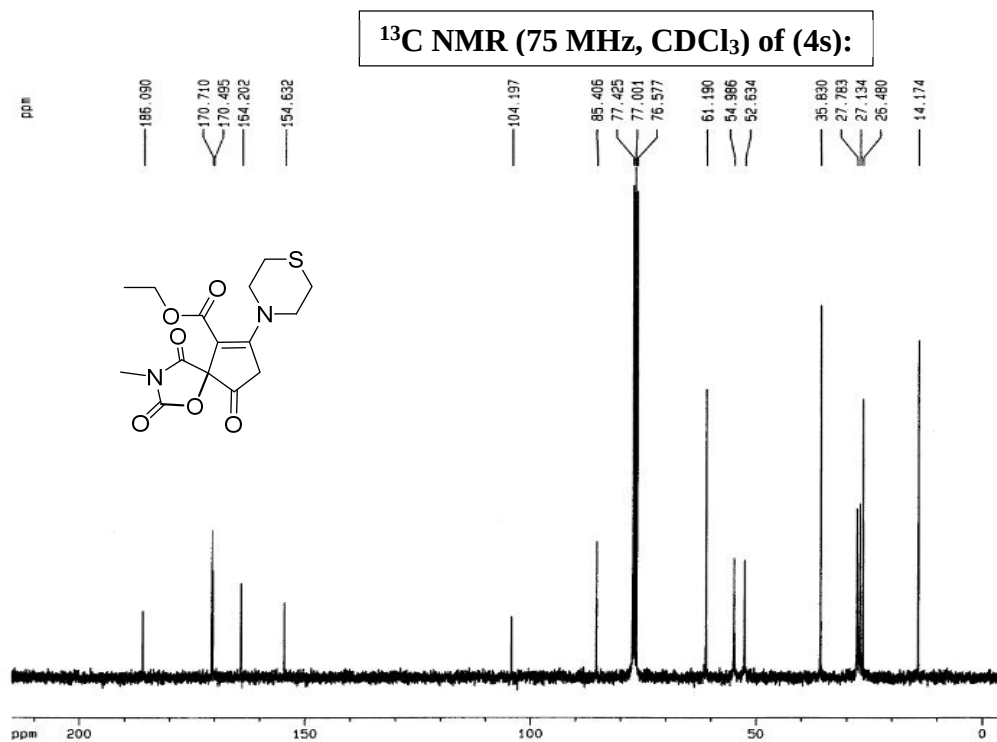


FT-IR of (4s):

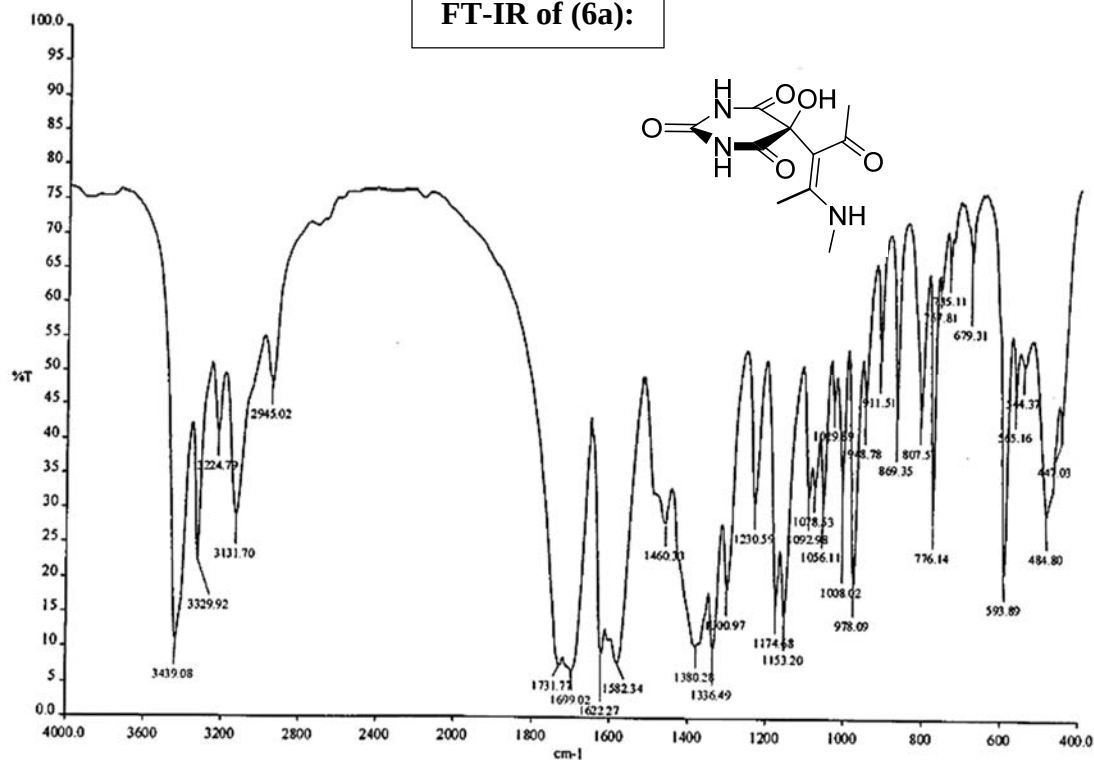


¹H NMR (300 MHz, CDCl₃) of (4s):

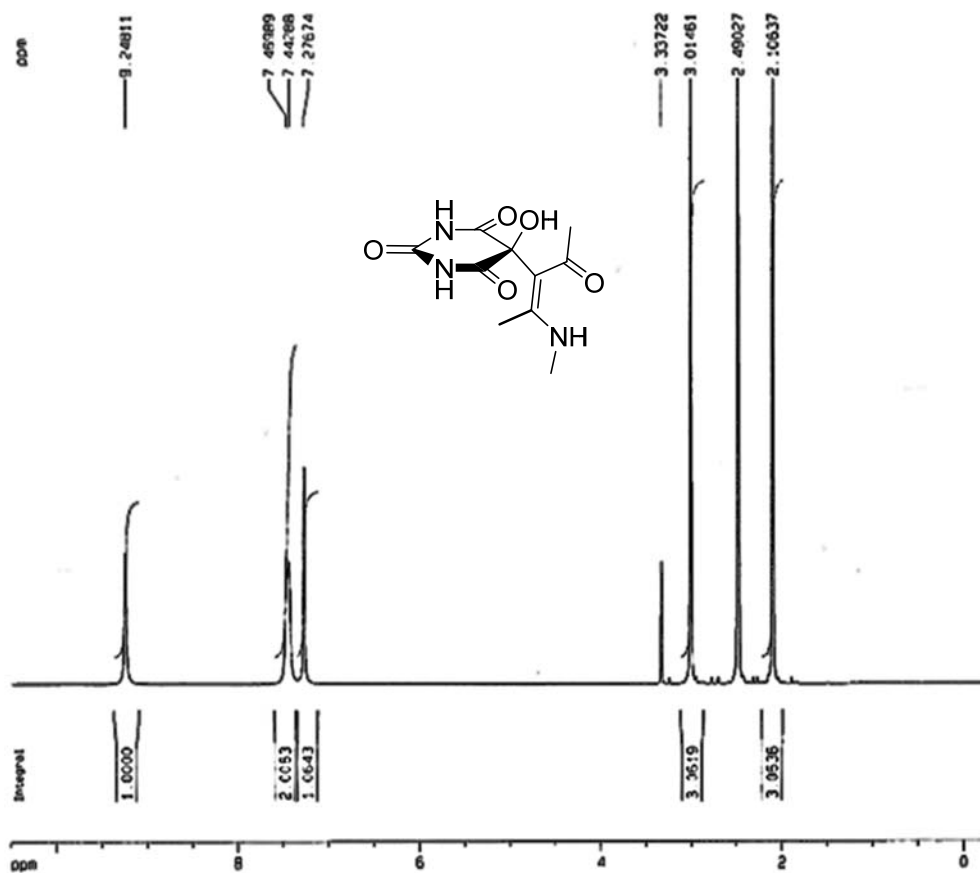




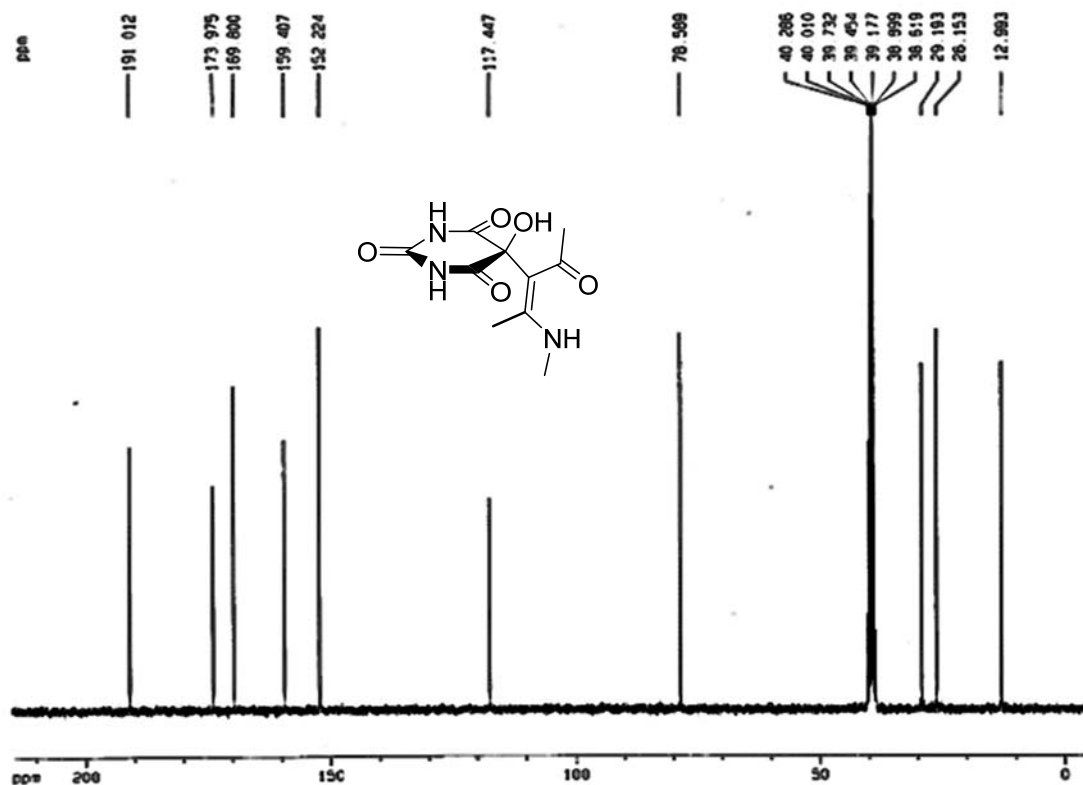
FT-IR of (6a):



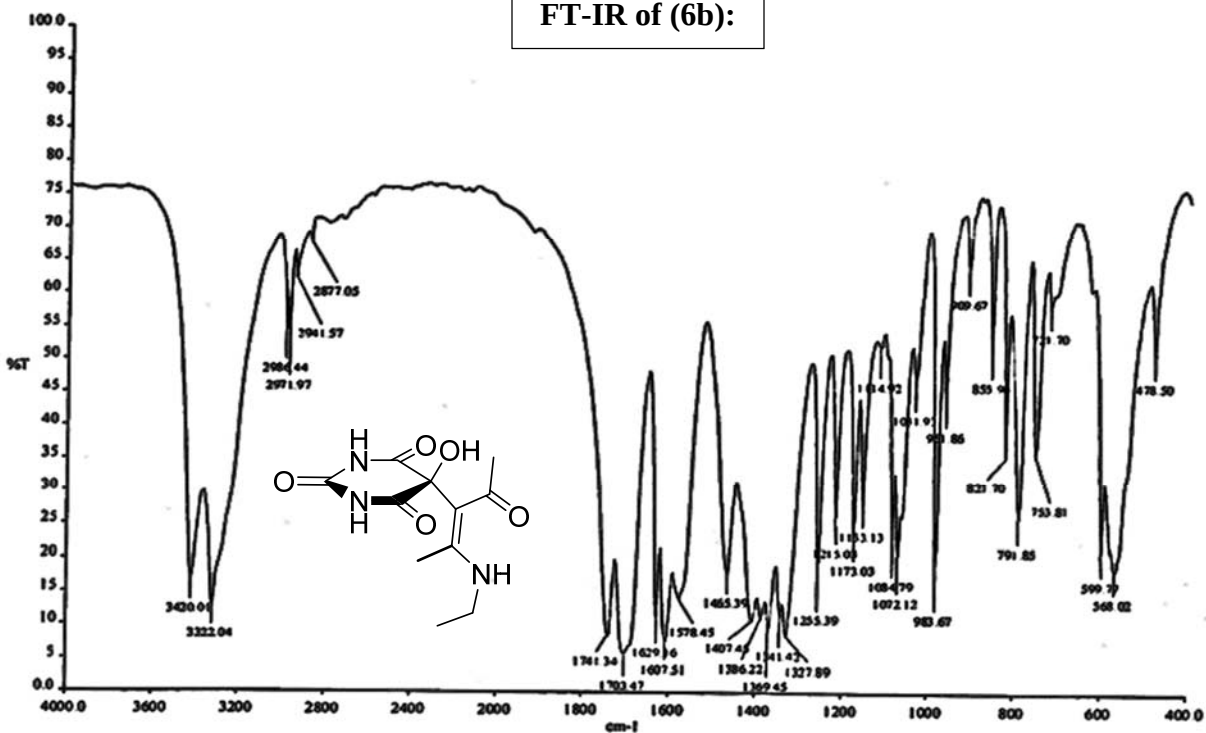
¹H NMR (300 MHz, DMSO-d₆) of (6a):



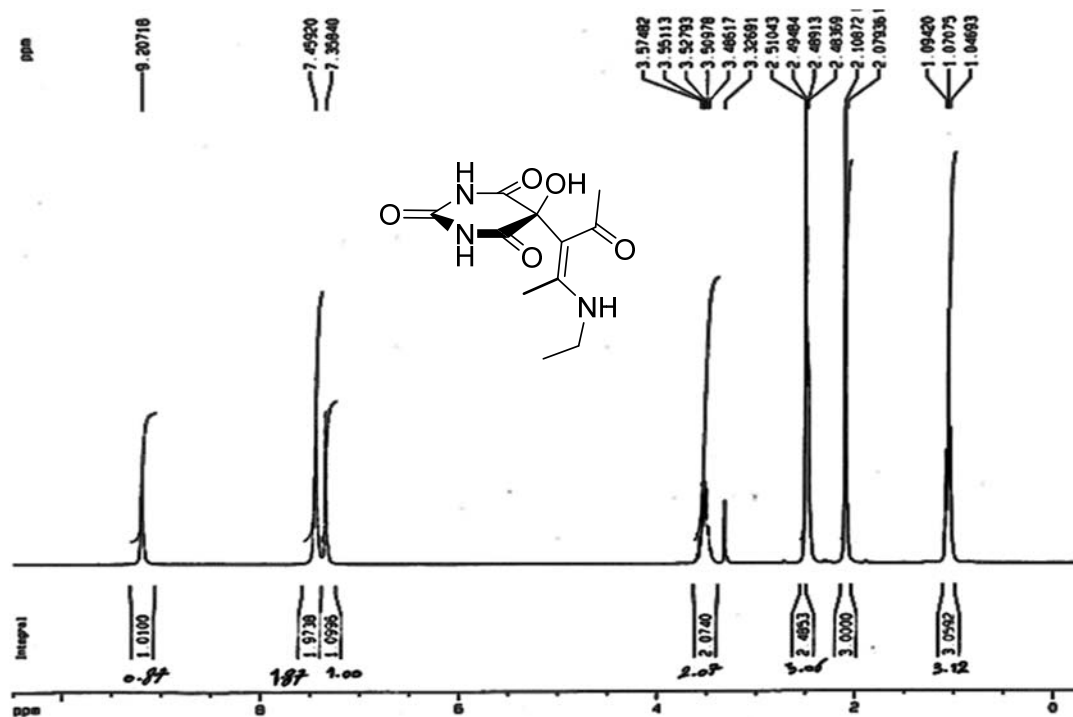
^{13}C NMR (75 MHz, DMSO- d_6) of (6a):



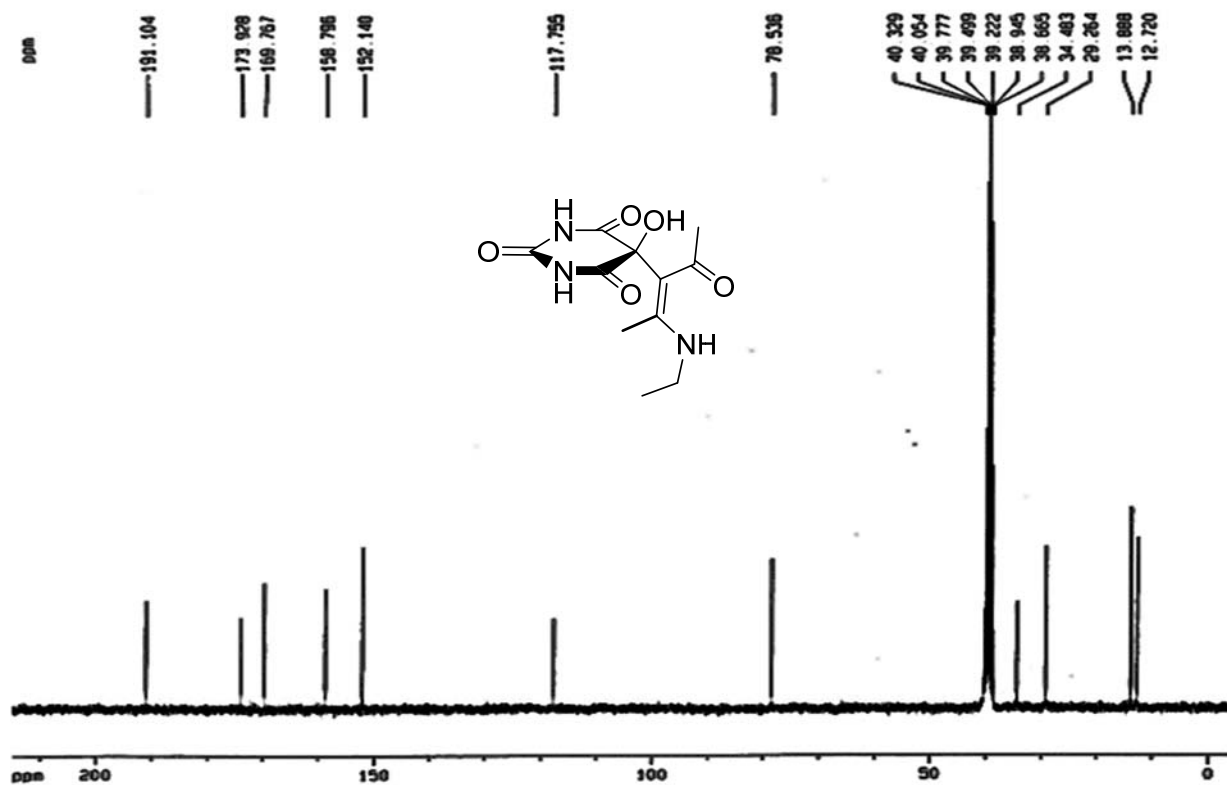
FT-IR of (6b):



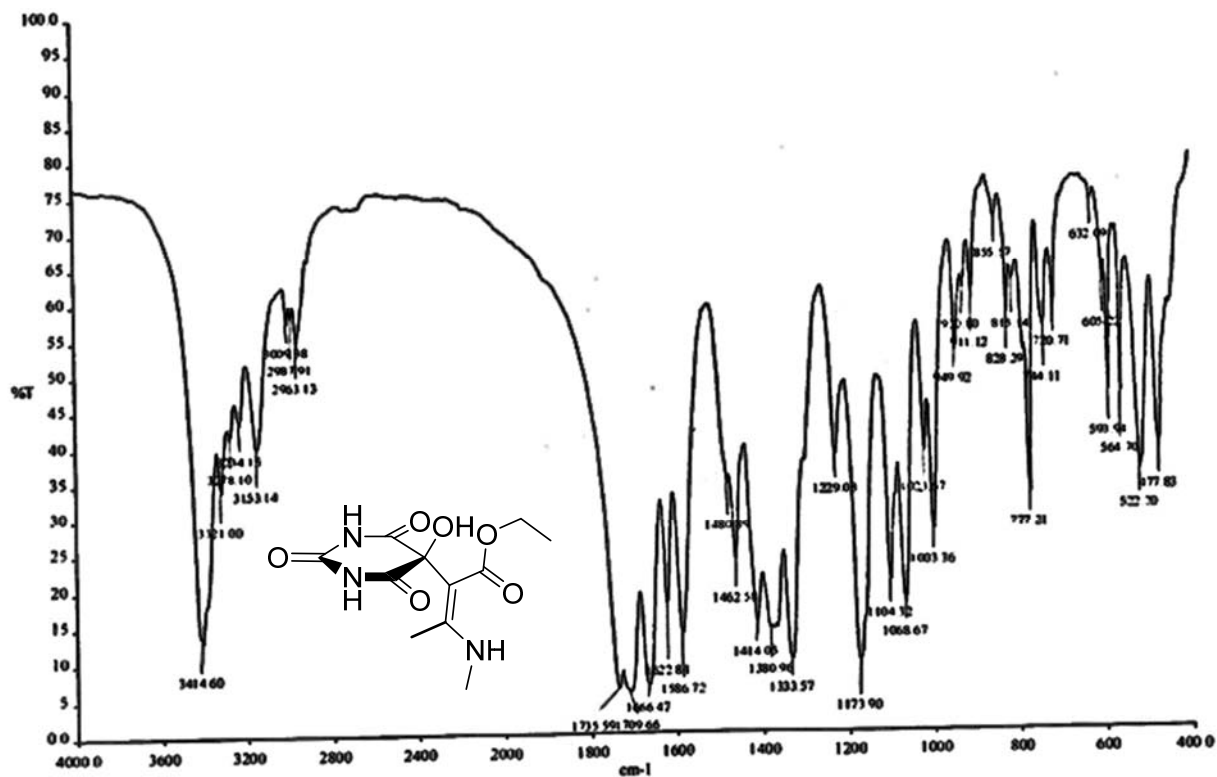
¹H NMR (300 MHz, DMSO-d₆) of (6b):



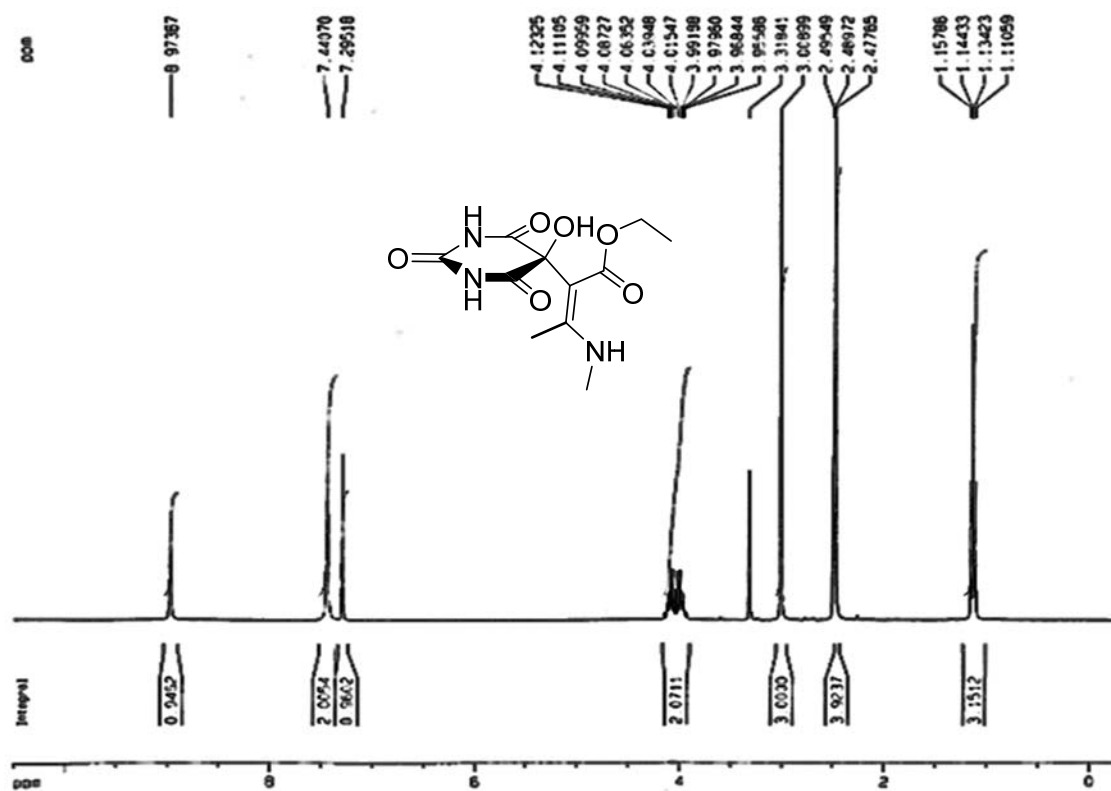
¹³C NMR (75 MHz, DMSO-d₆) of (6b):



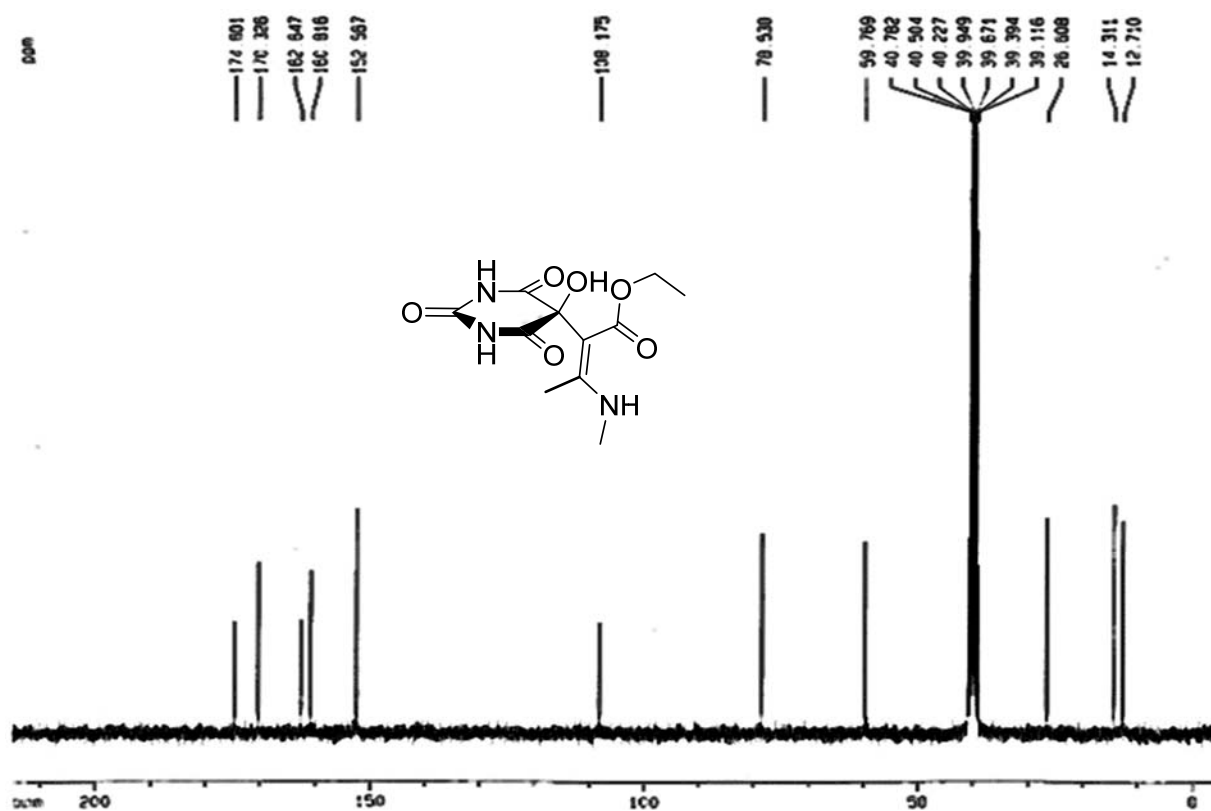
FT-IR of (6c):



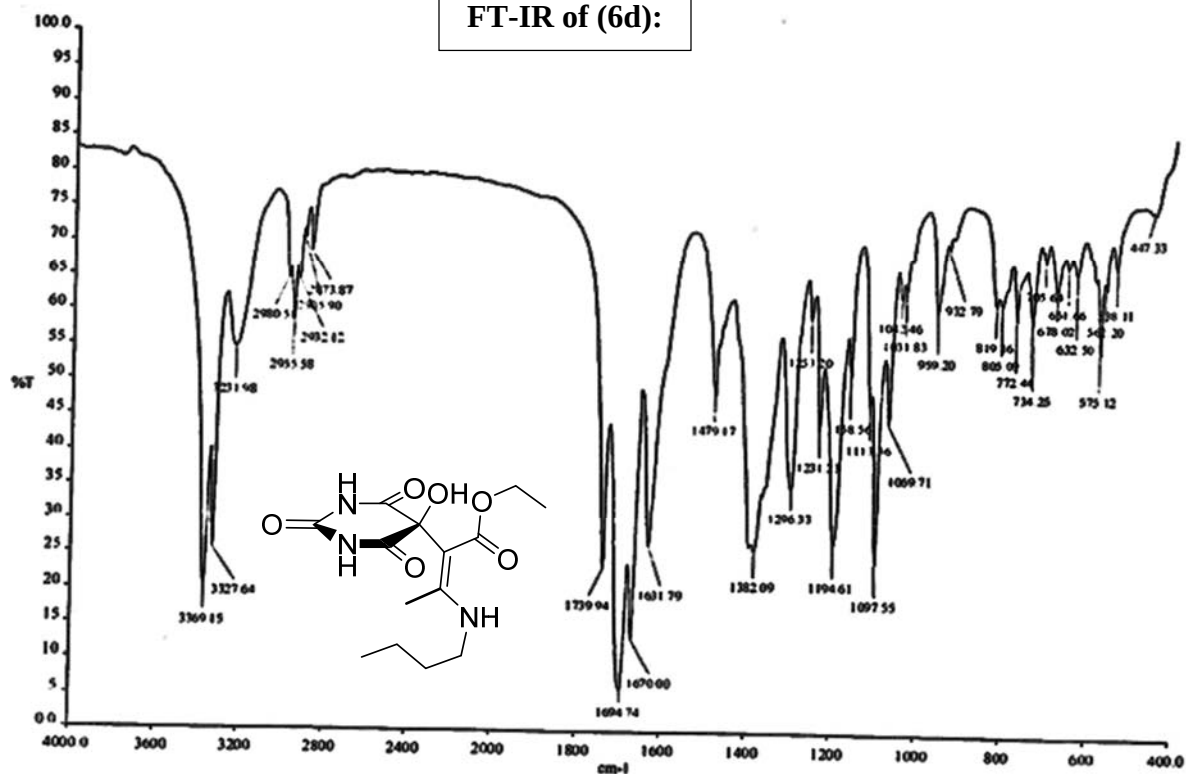
¹H NMR (300 MHz, DMSO-d₆) of (6c):



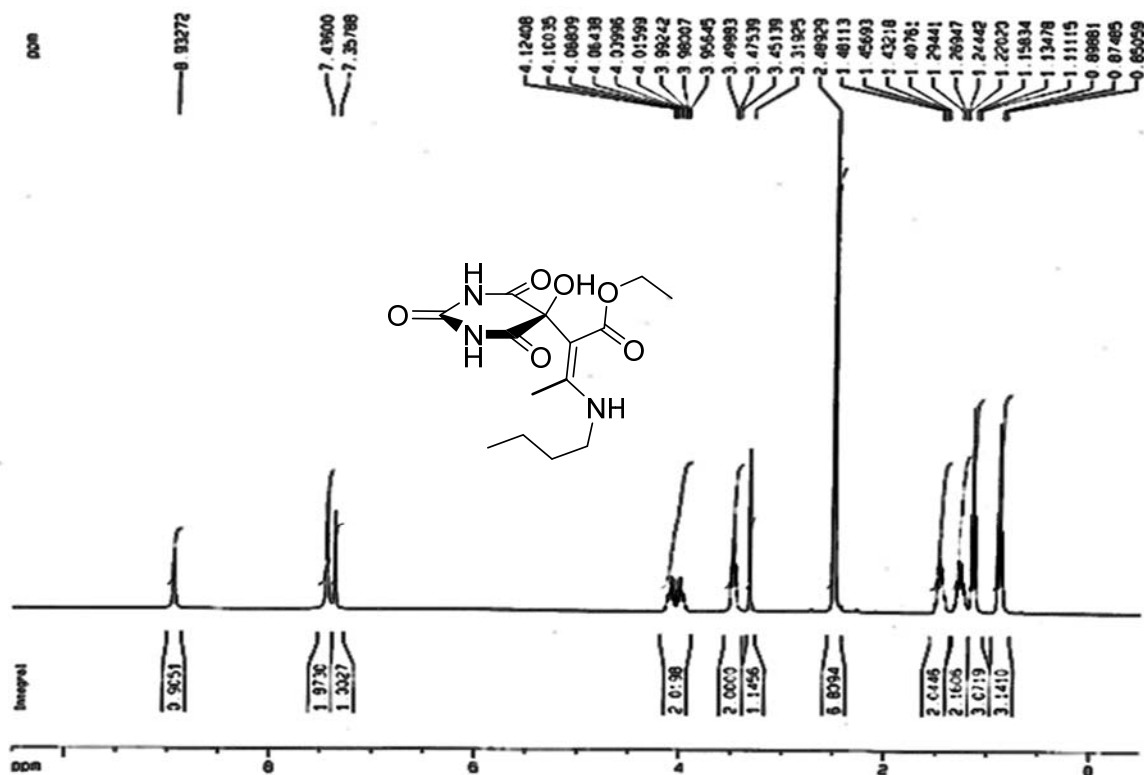
¹³C NMR (75 MHz, DMSO-d₆) of (6c):



FT-IR of (6d):



¹H NMR (300 MHz, DMSO-d₆) of (6d):



¹³C NMR (75 MHz, DMSO-d₆) of (6d):

