

Supporting Information for

Synthesis of Tetrazolo-Fused Benzodiazepines and Benzodiazepinones by a Two-
Step Protocol Using an Ugi-Azide Reaction for Initial Diversity Generation

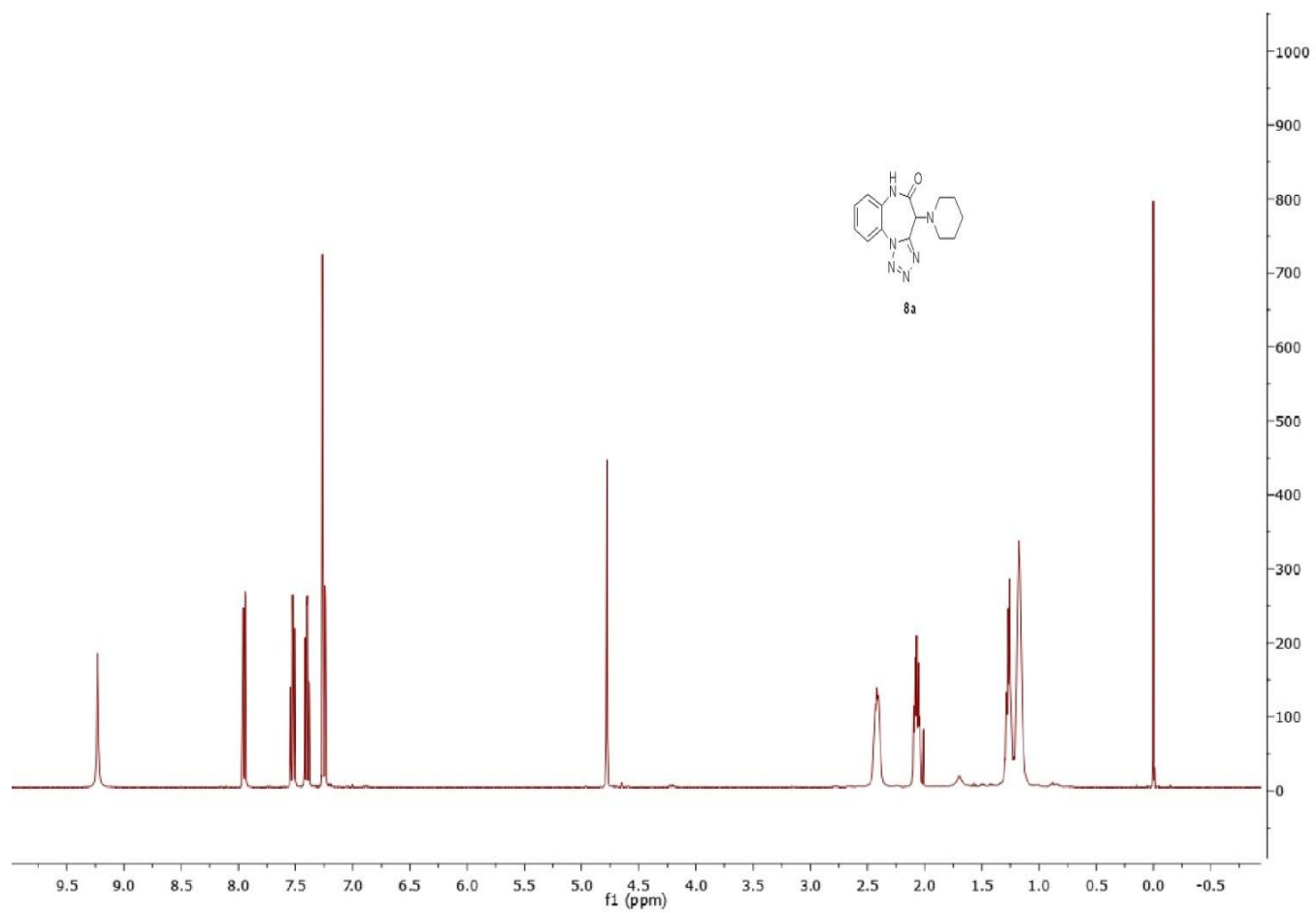
Steven Gunawan^a, Muhammad Ayaz^a, Fabio De Moliner^a, Brendan Frett^a, Christine Kaiser^a,

Nina Patrick^a, Zhigang Xu^a and Christopher Hulme^a*

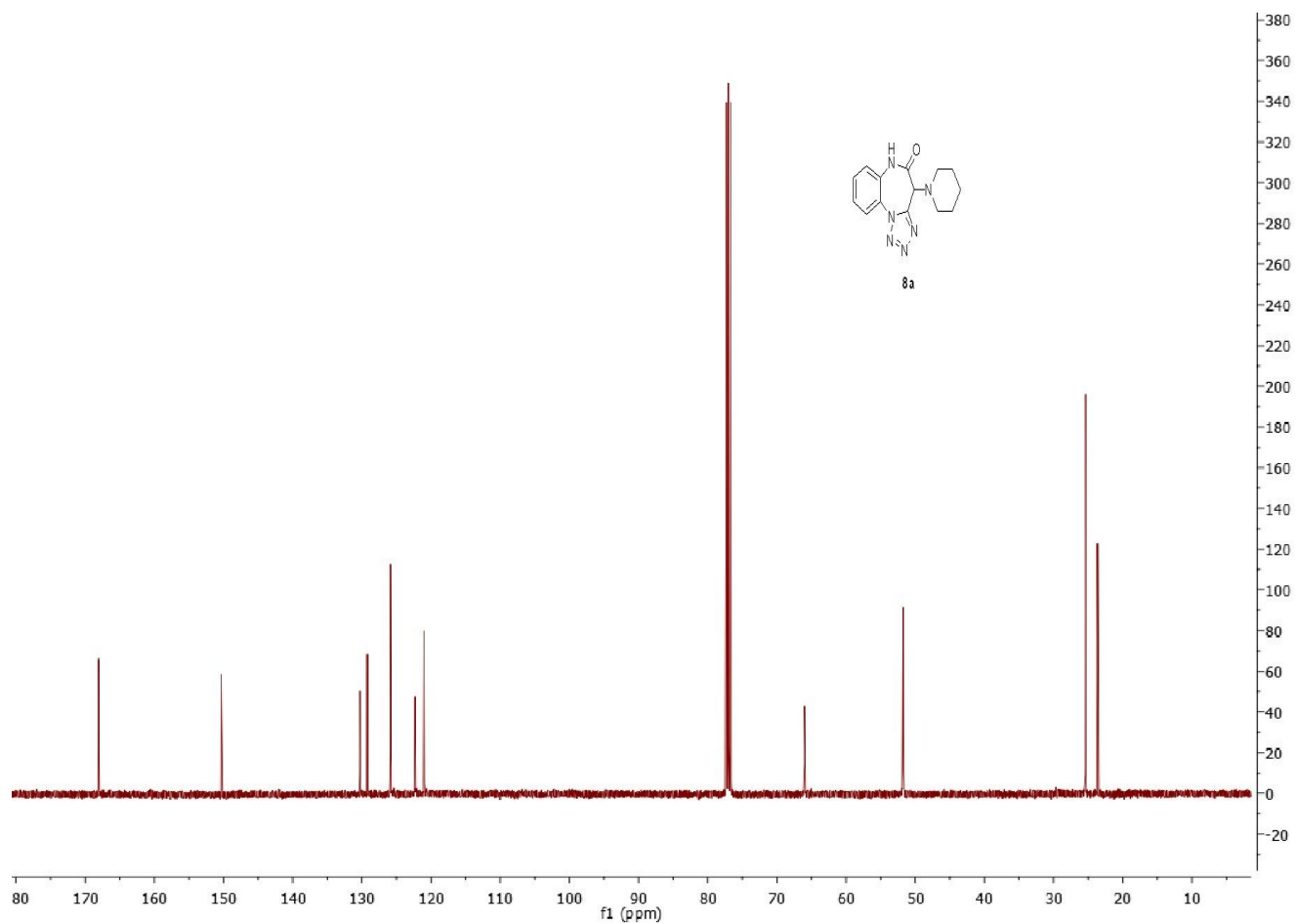
^a College of Pharmacy, BIO5 Oro Valley, The University of Arizona, 1580 E. Hanley Blvd., Oro Valley,
AZ 85737 USA

¹ H NMR for compound 8a	S2
¹³ C NMR for compound 8a	S3
¹ H NMR for compound 8b	S4
¹³ C NMR for compound 8b	S5
¹ H NMR for compound 8c	S6
¹³ C NMR for compound 8c	S7
¹ H NMR for compound 8d	S8
¹³ C NMR for compound 8d	S9
¹ H NMR for compound 8e	S10
¹³ C NMR for compound 8e	S11
¹ H NMR for compound 10a	S12
¹³ C NMR for compound 10a	S13
¹ H NMR for compound 10b	S14
¹³ C NMR for compound 10b	S15
¹ H NMR for compound 10c	S16
¹³ C NMR for compound 10c	S17
¹ H NMR for compound 10d	S18
¹³ C NMR for compound 10d	S19
¹ H NMR for compound 10e	S20
¹³ C NMR for compound 10e	S21
¹ H NMR for compound 11a	S22
¹³ C NMR for compound 11a	S23
¹ H NMR for compound 11b	S24
¹³ C NMR for compound 11b	S25
¹ H NMR for compound 11c	S26
¹³ C NMR for compound 11c	S27
¹ H NMR for compound 11d	S28
¹³ C NMR for compound 11d	S29

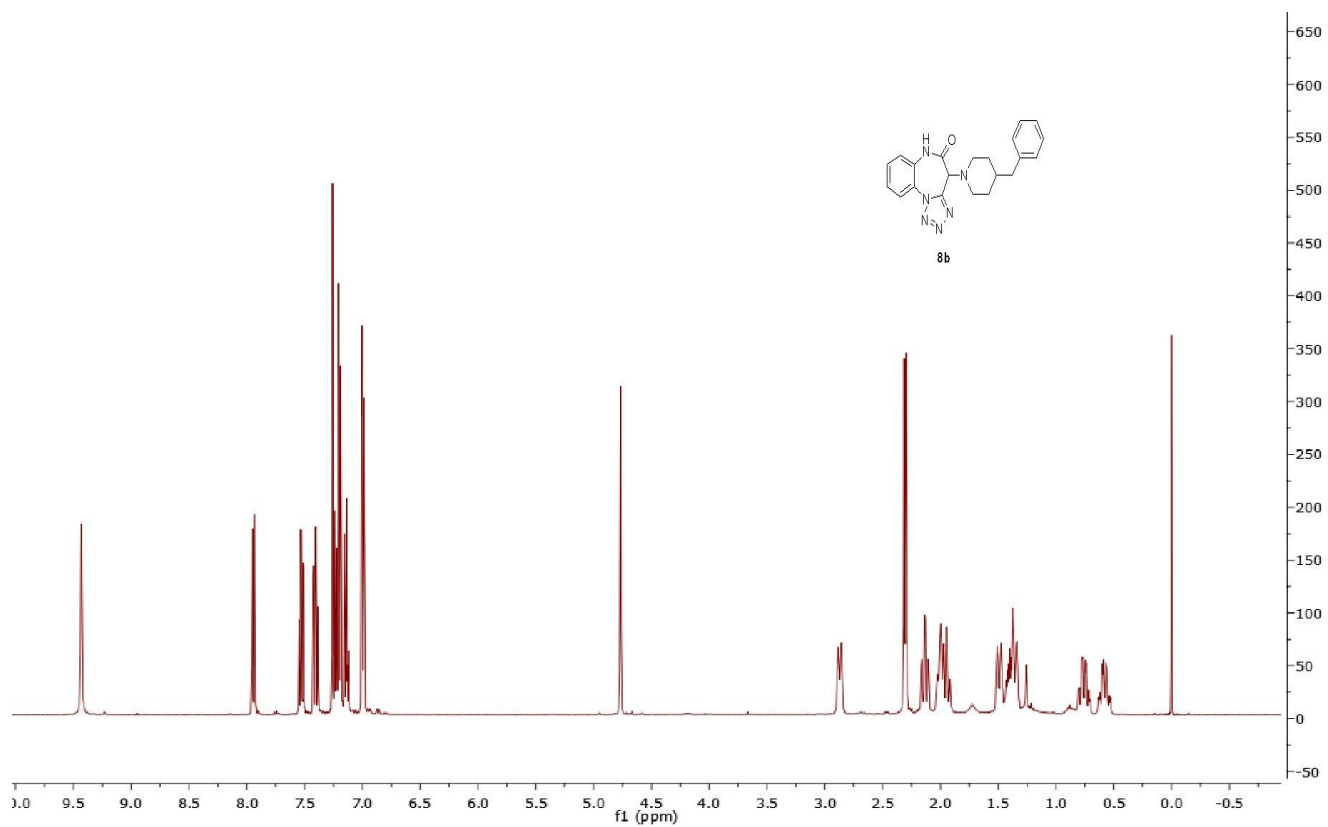
^1H NMR for compound **8a** (CDCl_3 , 400 MHz)



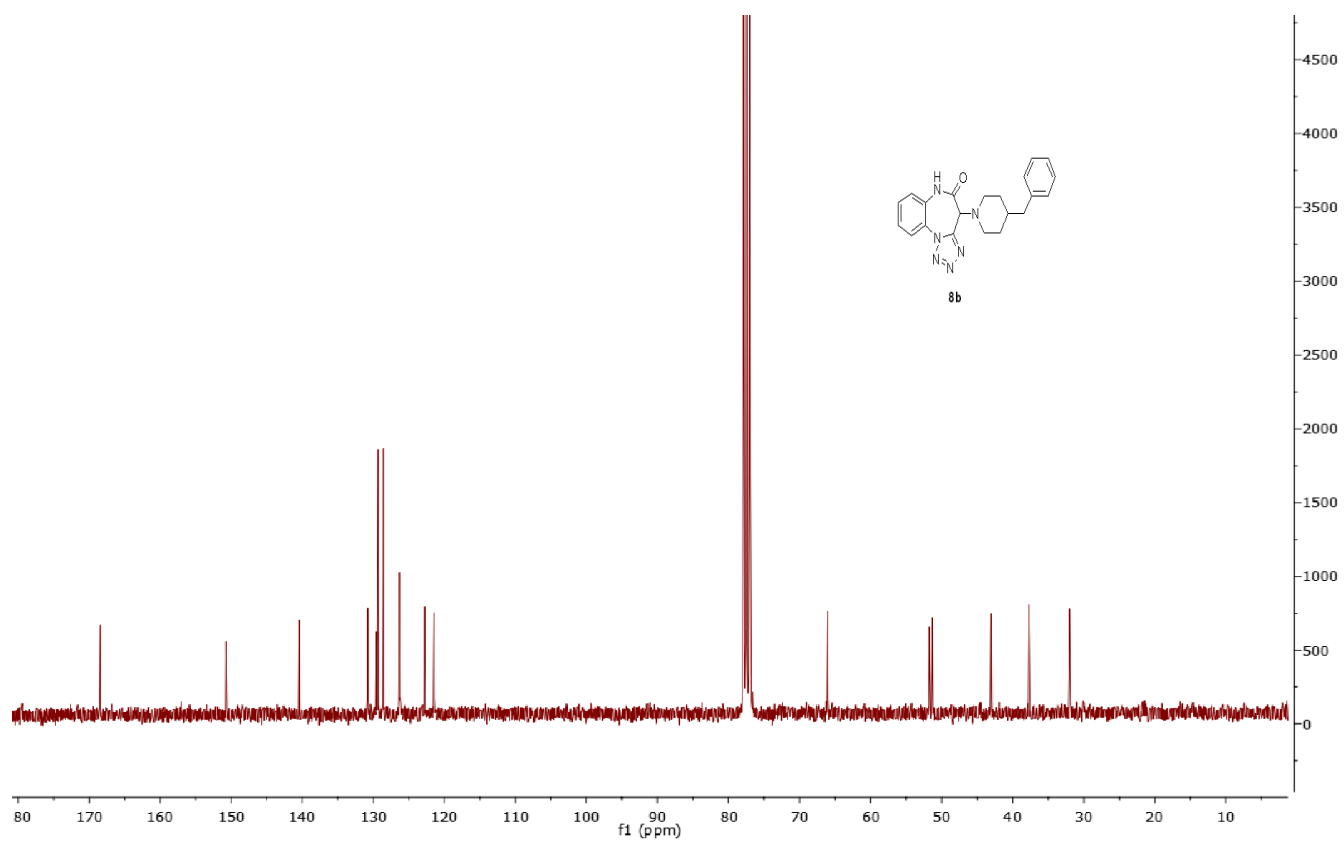
^{13}C NMR for compound **8a** (CDCl_3 , 100 MHz)



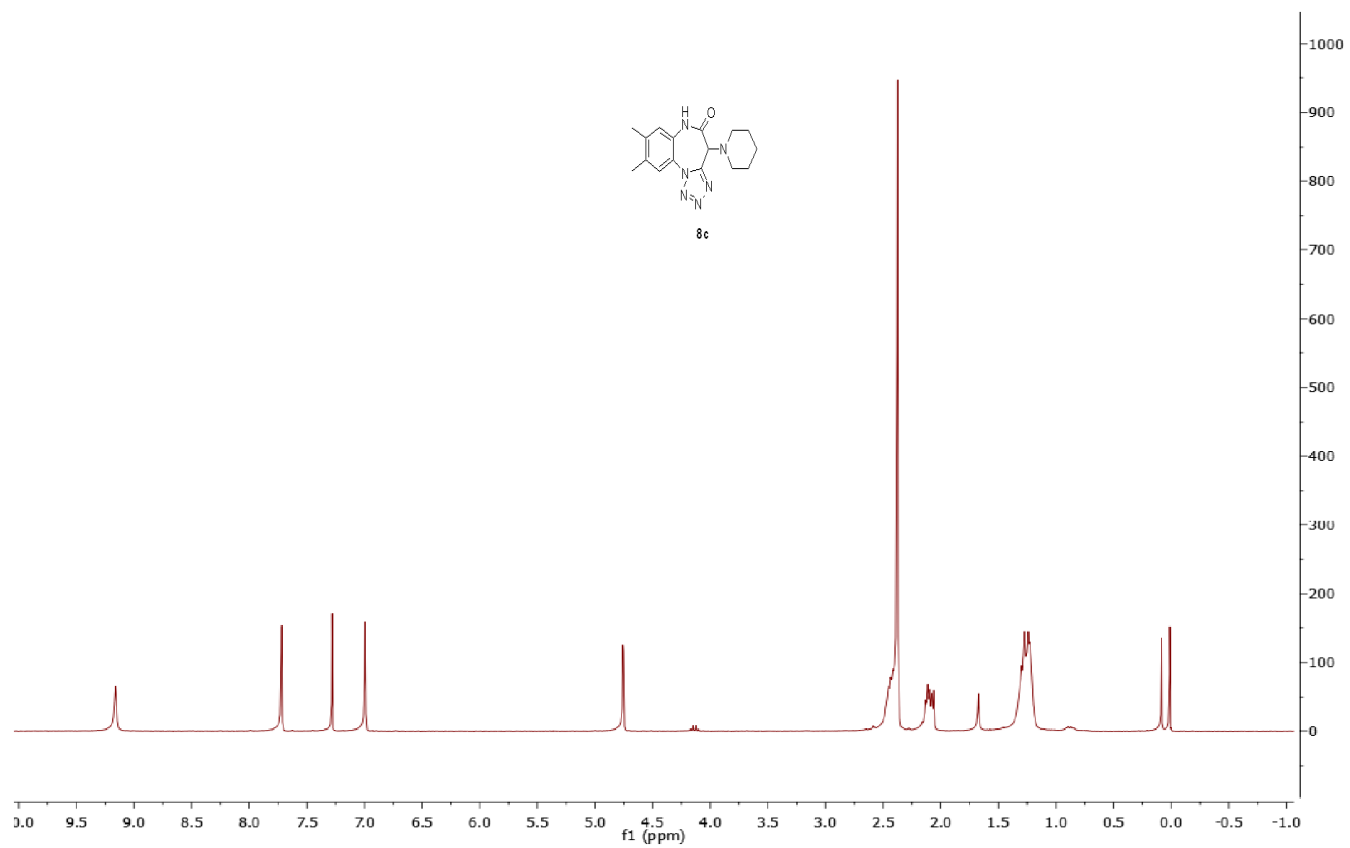
^1H NMR for compound **8b** (CDCl_3 , 400 MHz)



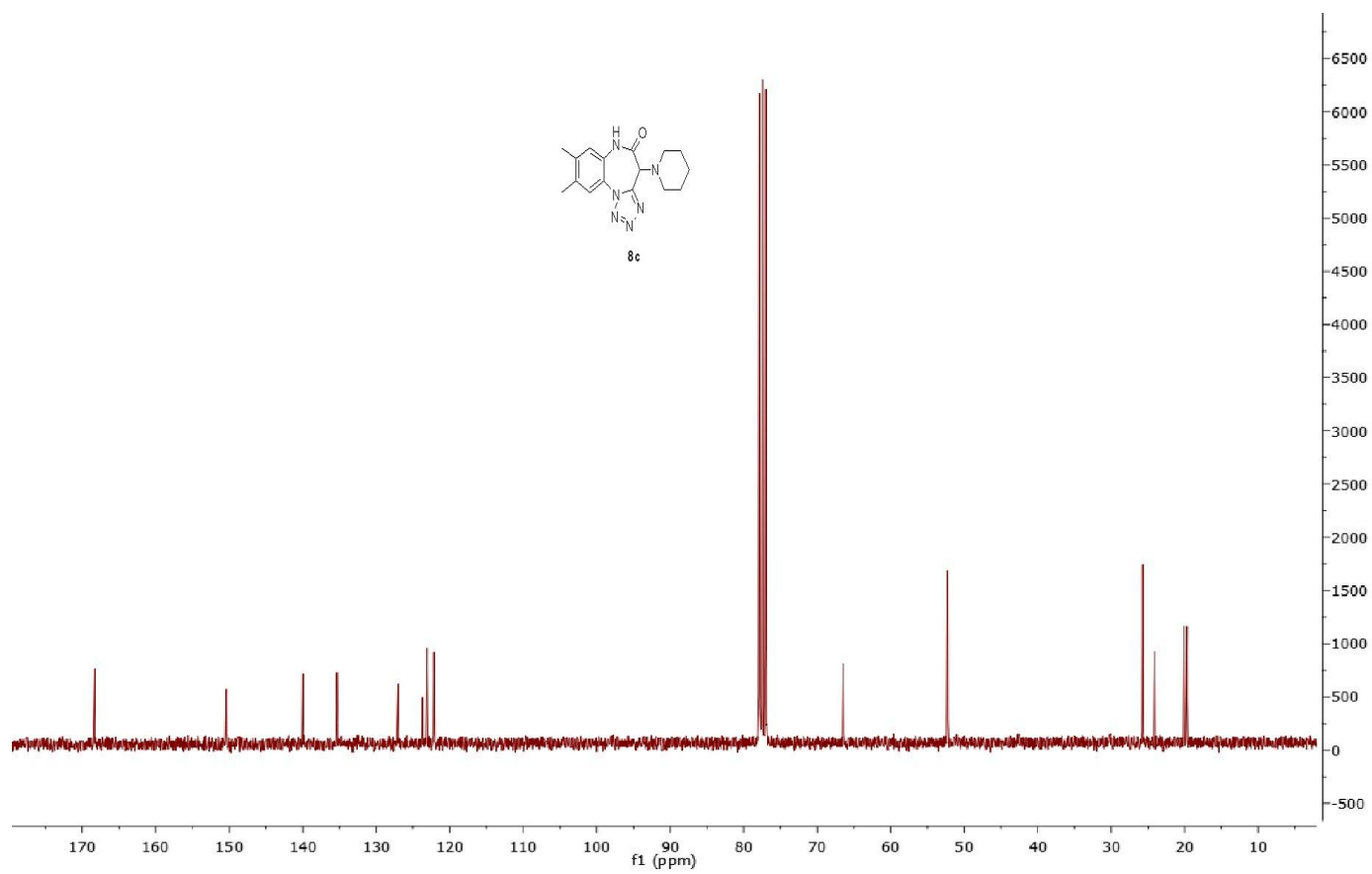
^{13}C NMR for compound **8b** (CDCl_3 , 100 MHz)



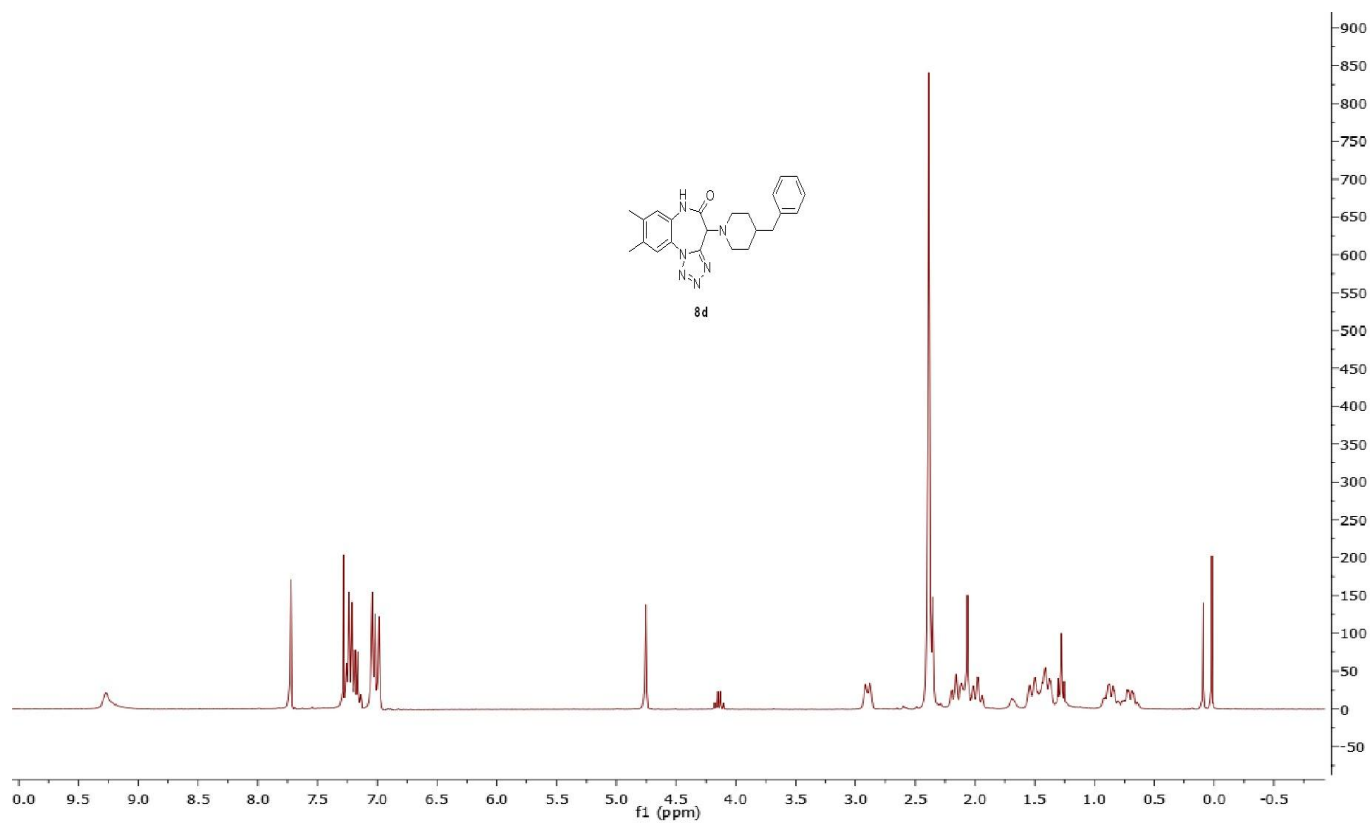
^1H NMR for compound **8c** (CDCl_3 , 400 MHz)



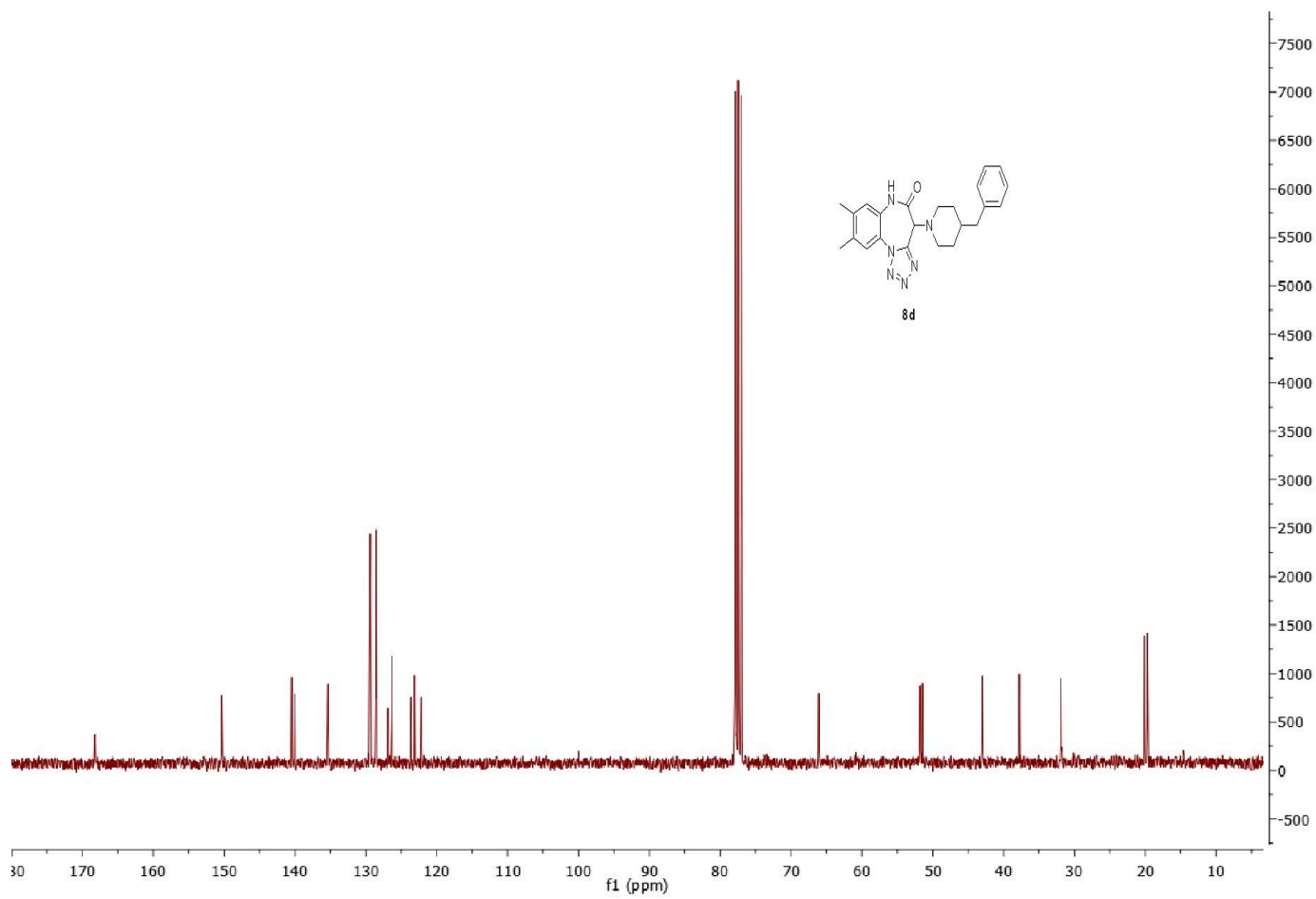
^{13}C NMR for compound **8c** (CDCl_3 , 100 MHz)



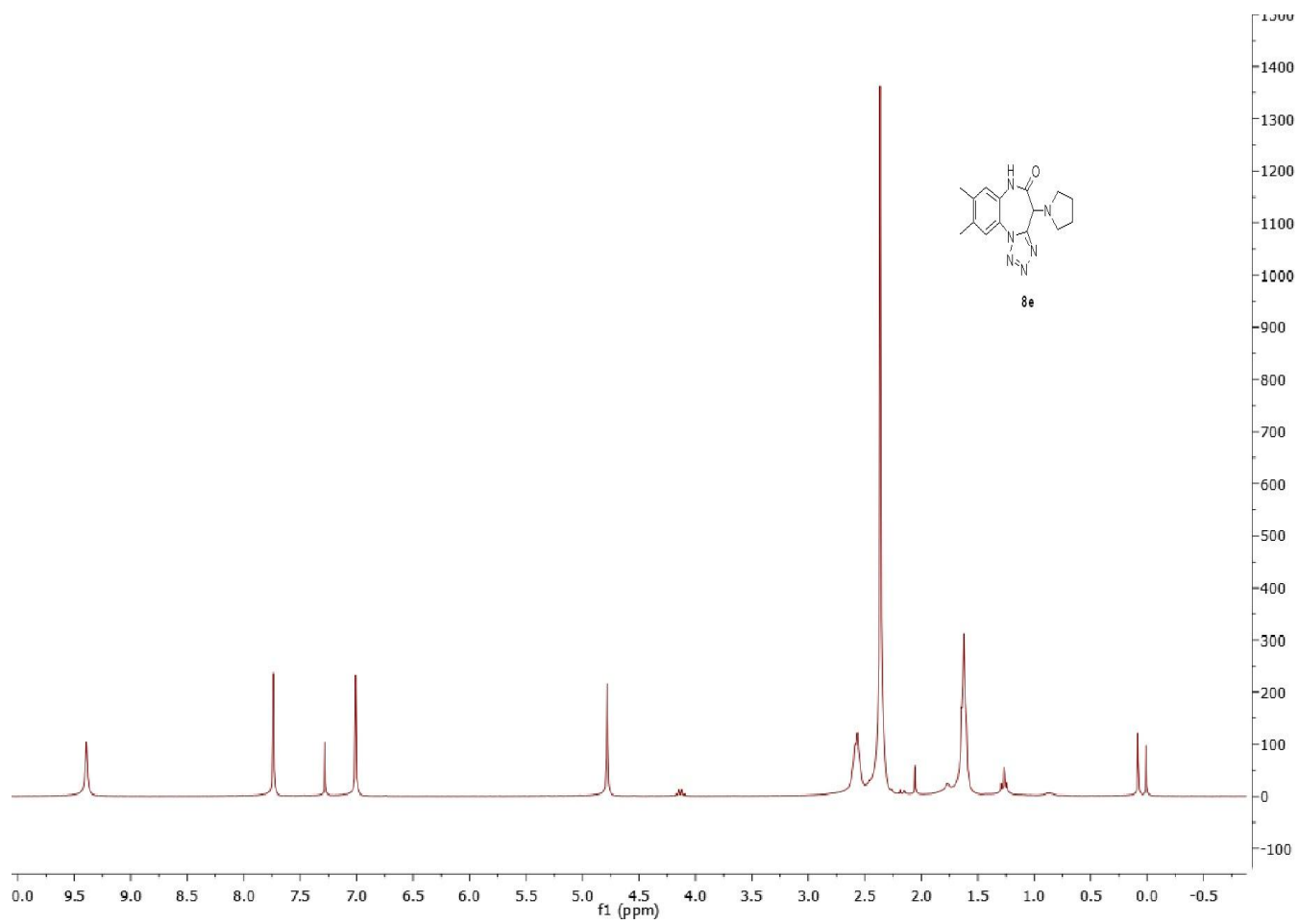
^1H NMR for compound **8d** (CDCl_3 , 400 MHz)



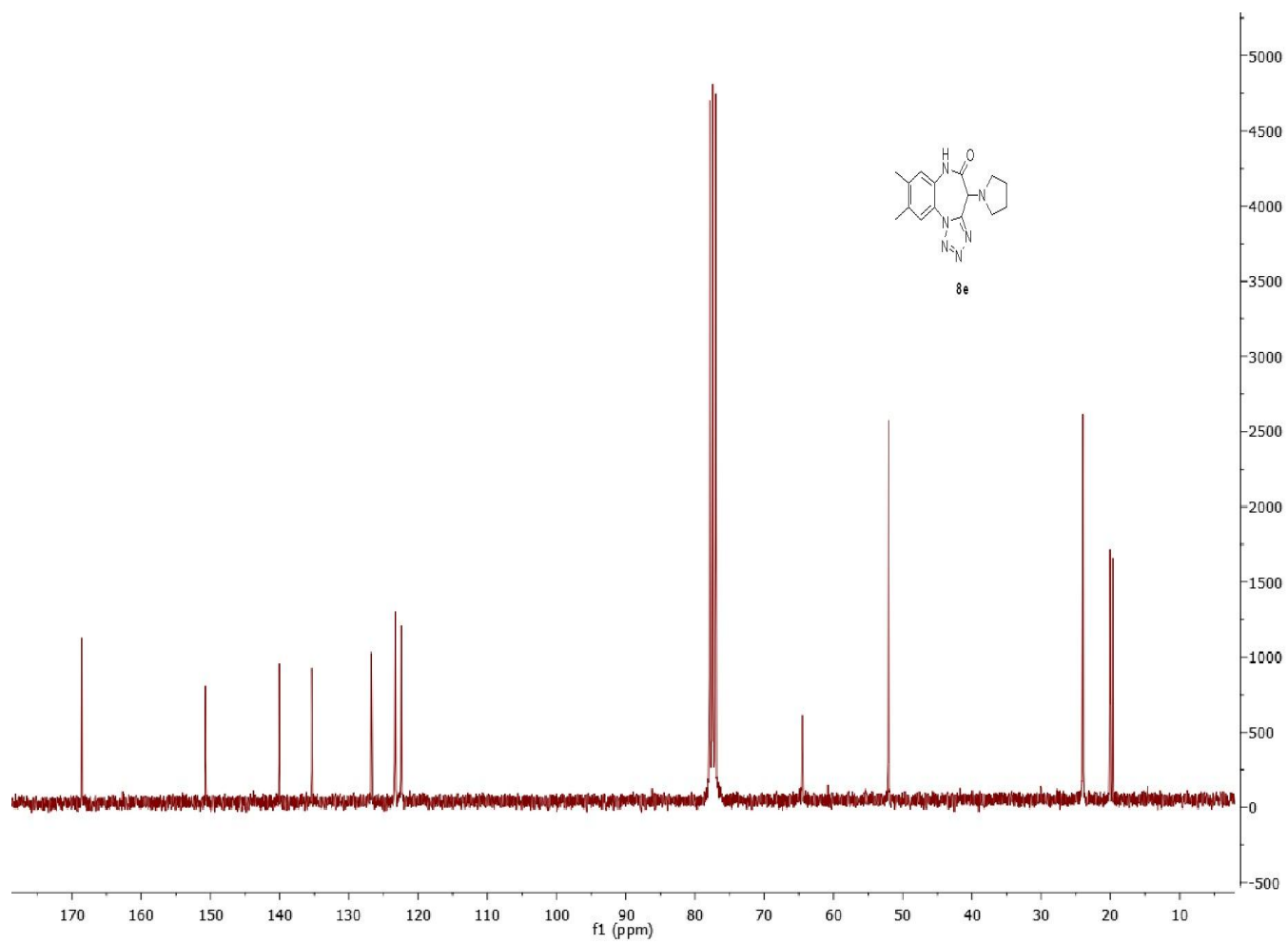
^{13}C NMR for compound **8d** (CDCl_3 , 100 MHz)



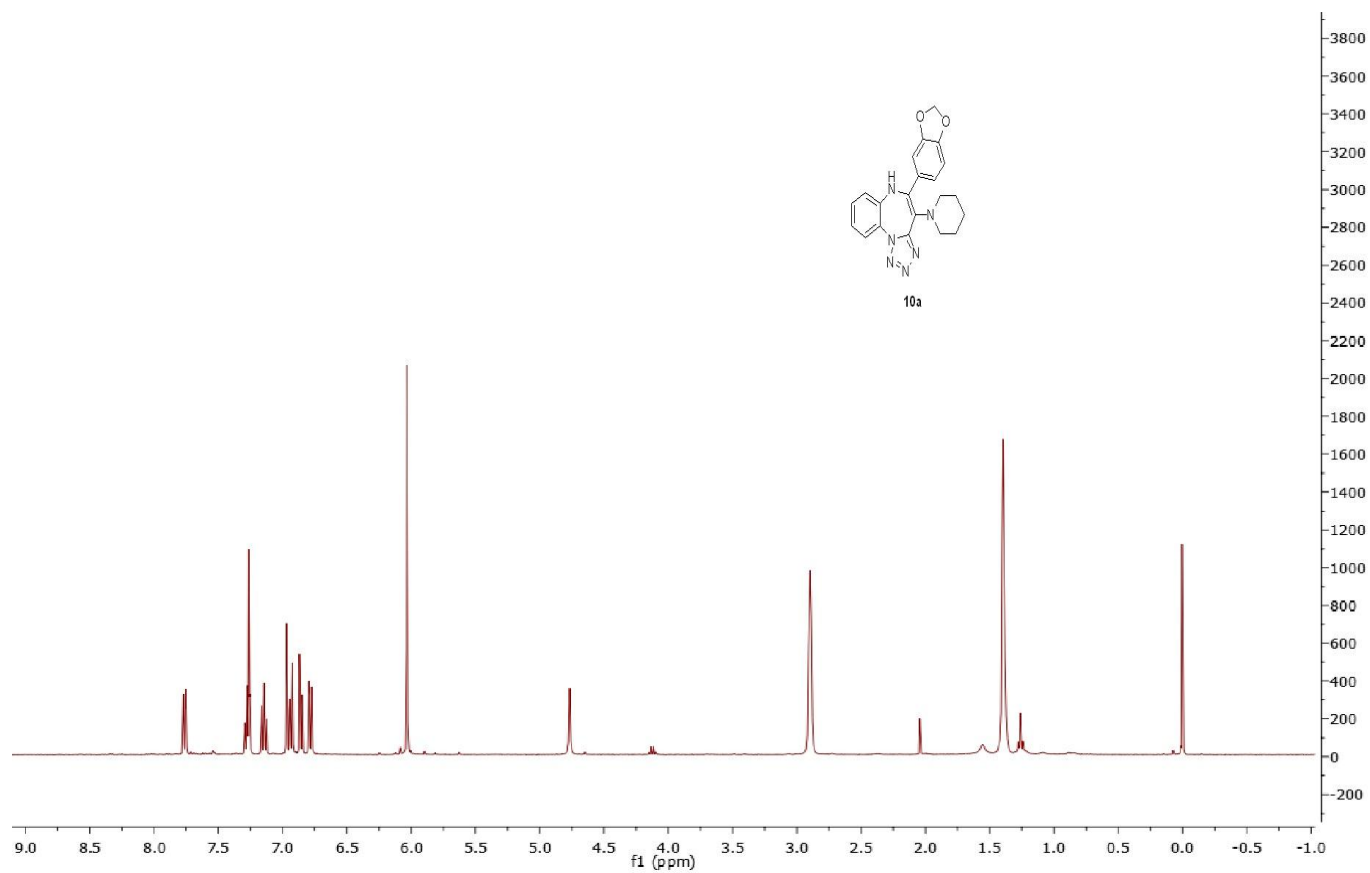
^1H NMR for compound **8e** (CDCl_3 , 400 MHz)



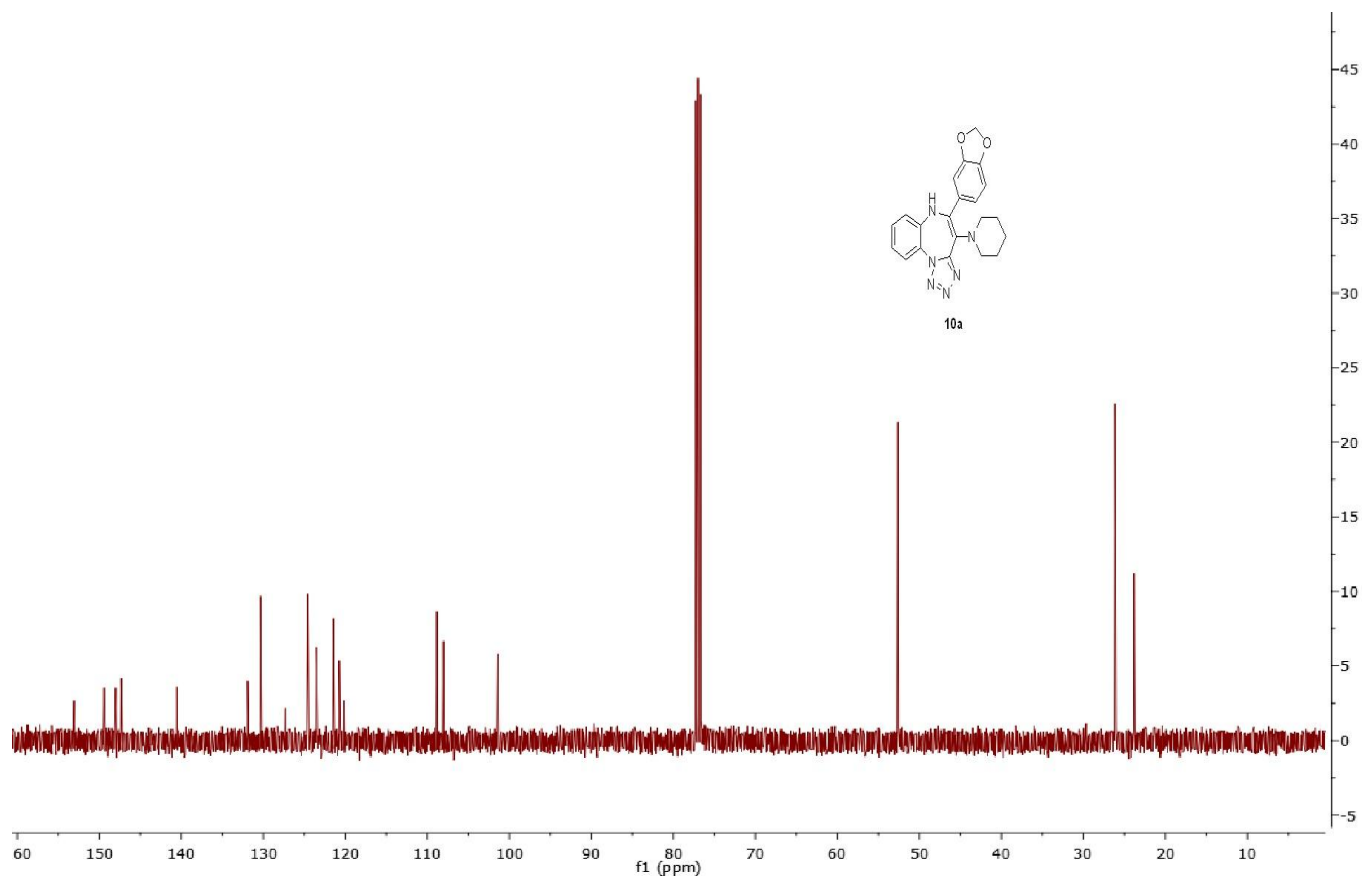
^{13}C NMR for compound **8e** (CDCl_3 , 100 MHz)



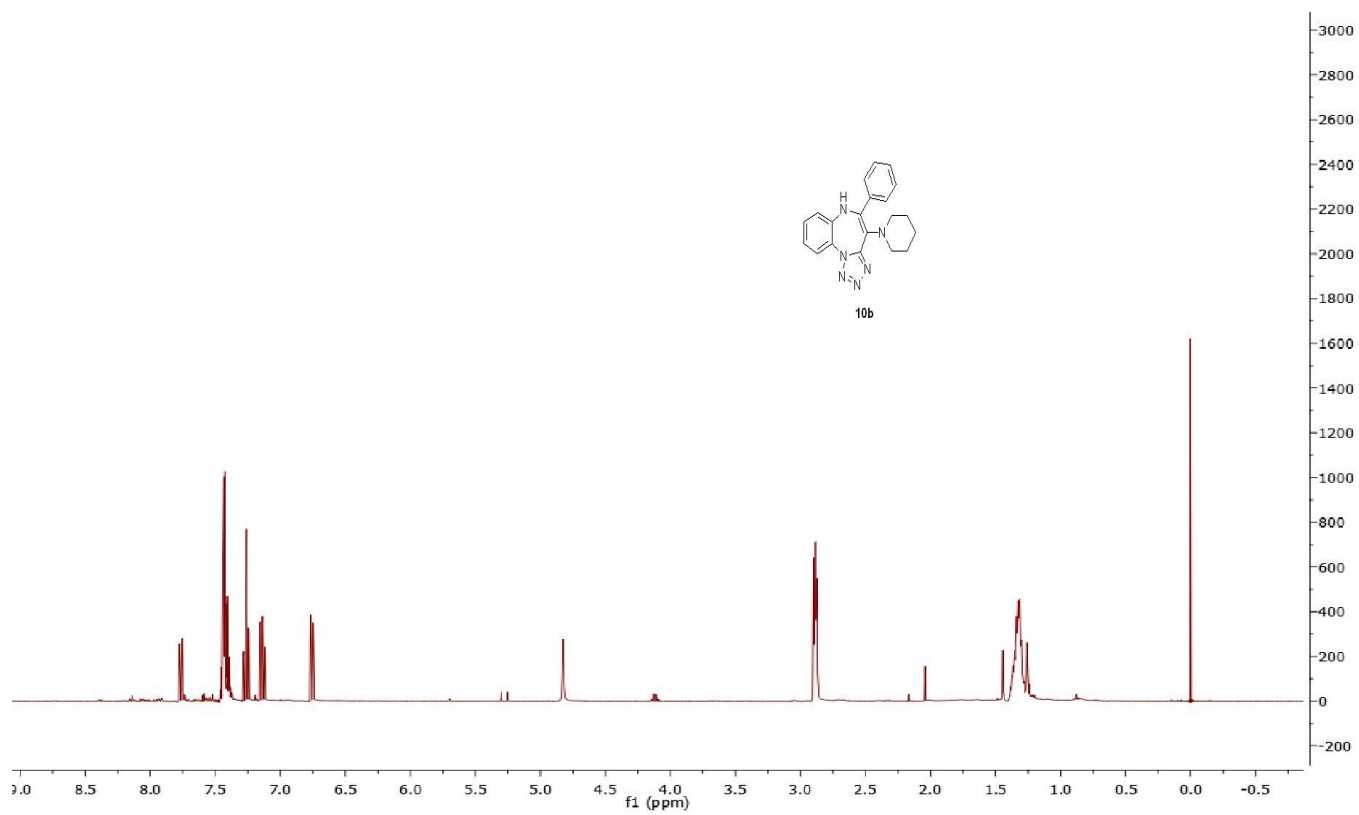
^1H NMR for compound **10a** (CDCl_3 , 400 MHz)



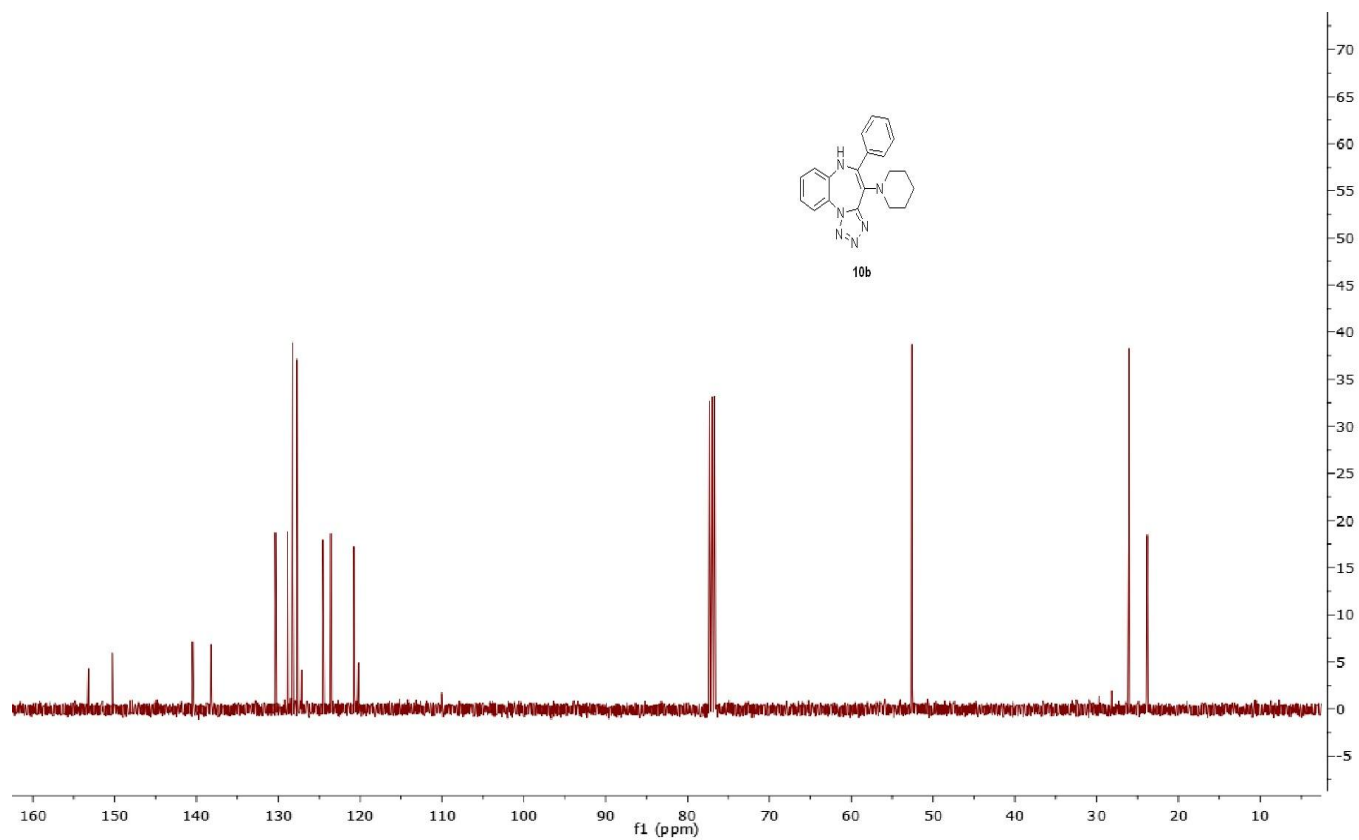
^{13}C NMR for compound **10a** (CDCl_3 , 100 MHz)



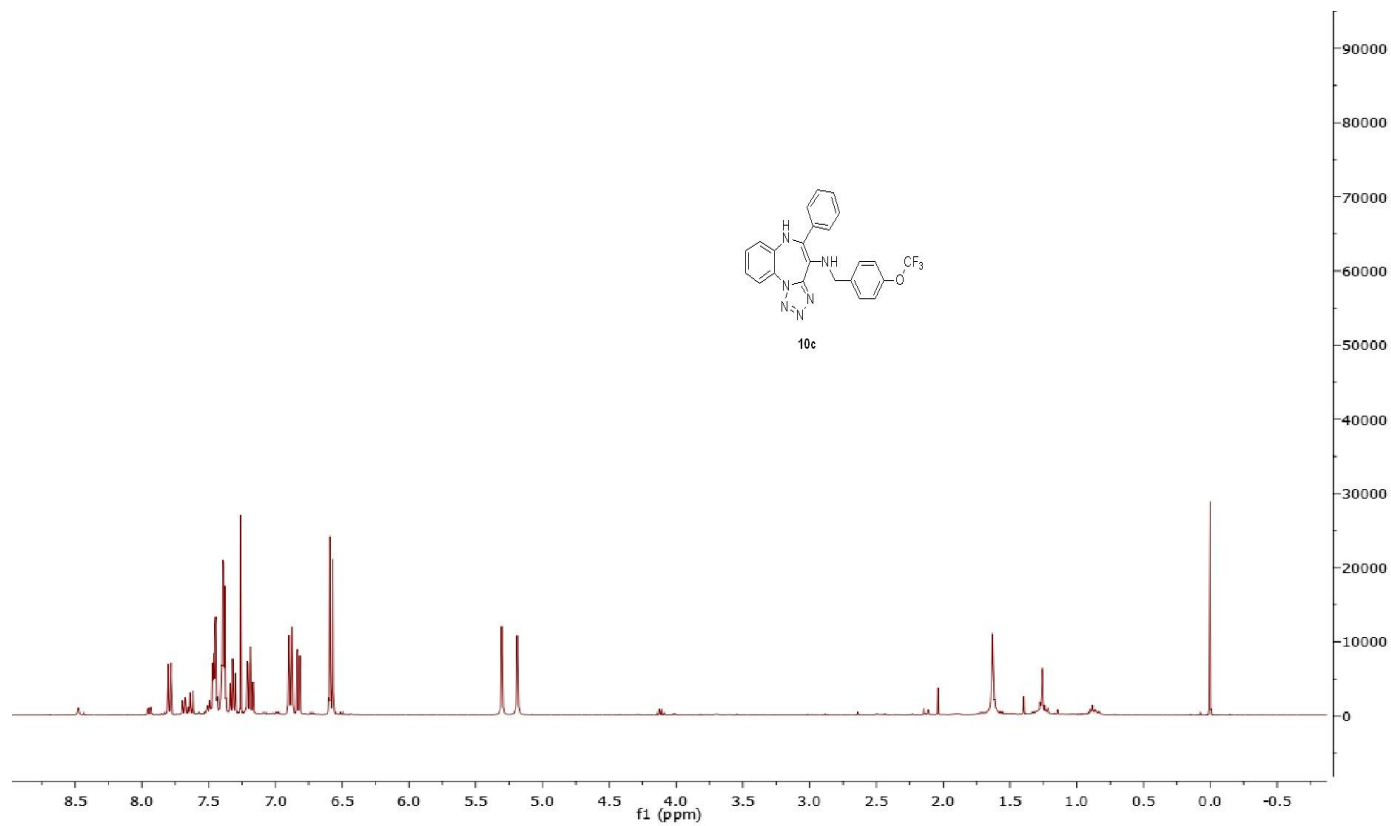
^1H NMR for compound **10b** (CDCl_3 , 400 MHz)



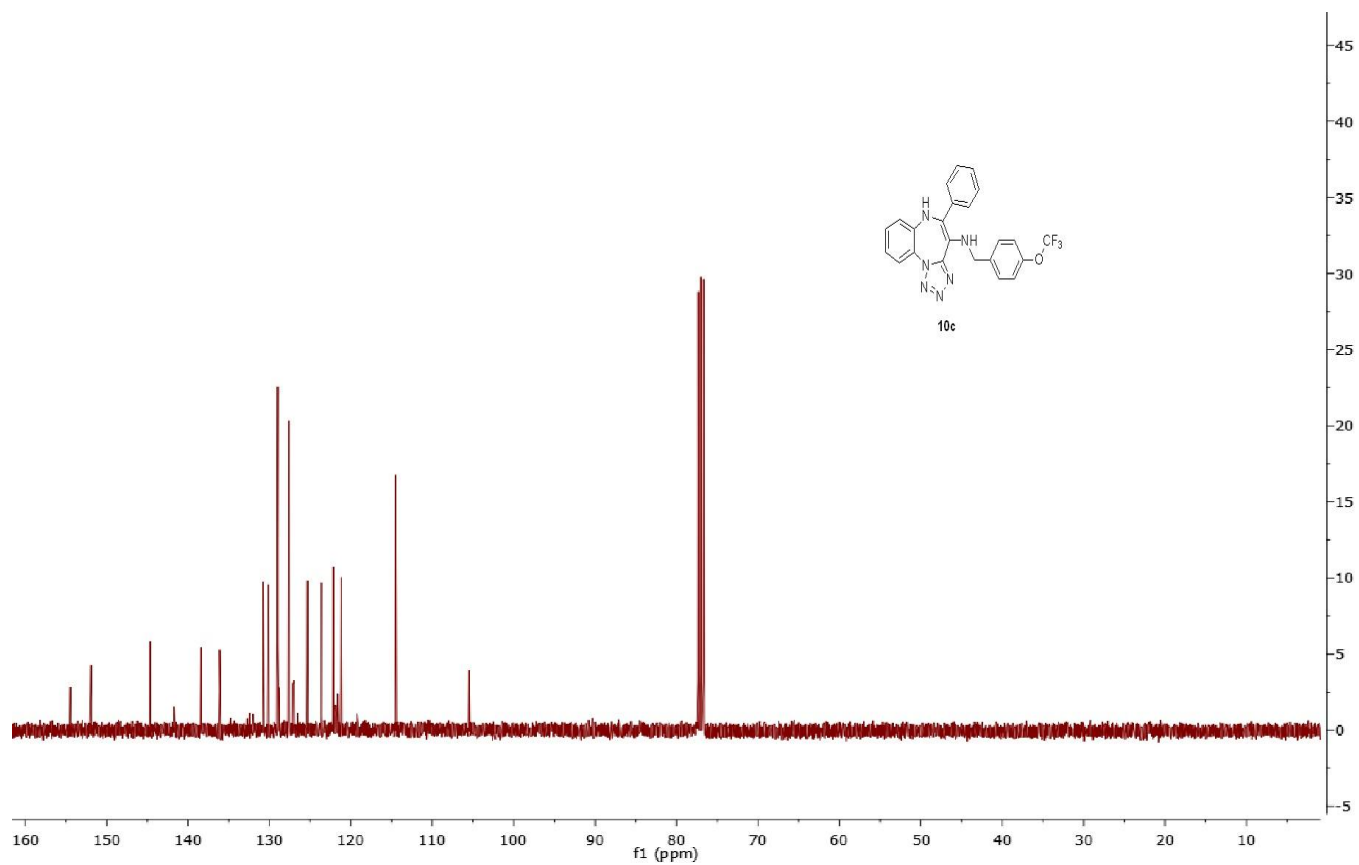
^{13}C NMR for compound **10b** (CDCl_3 , 100 MHz)



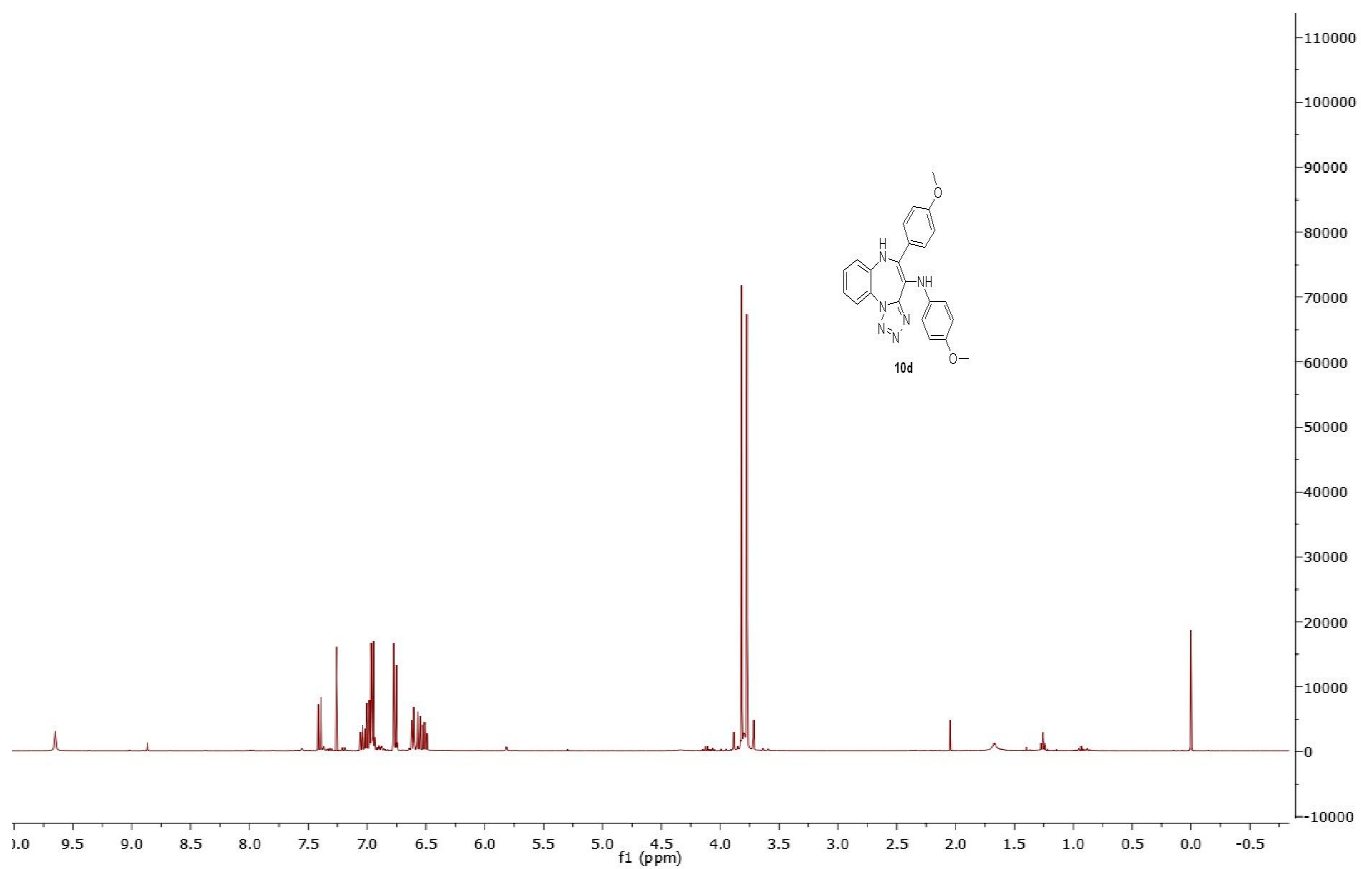
^1H NMR for compound **10c** (CDCl_3 , 400 MHz)



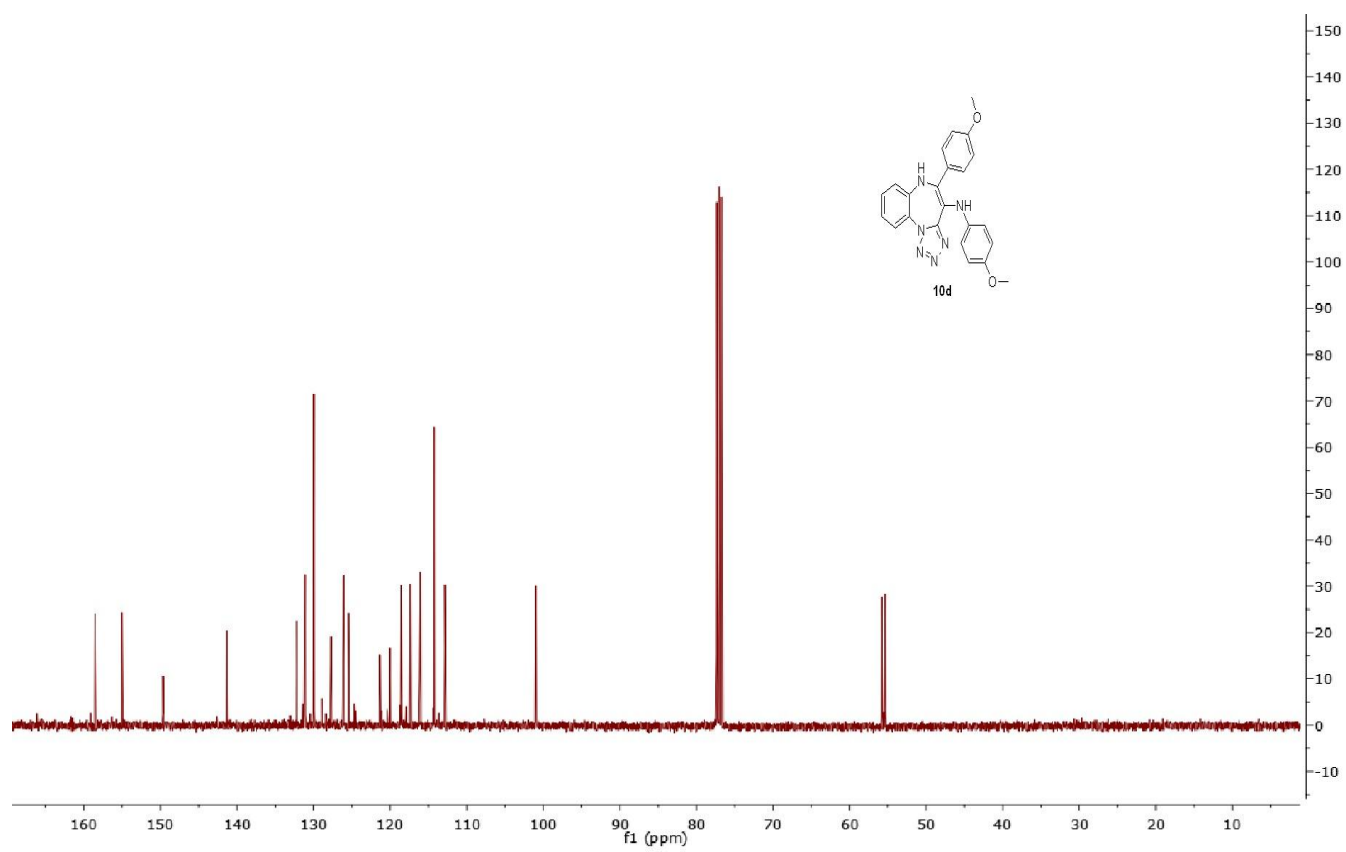
^{13}C NMR for compound **10c** (CDCl_3 , 100 MHz)



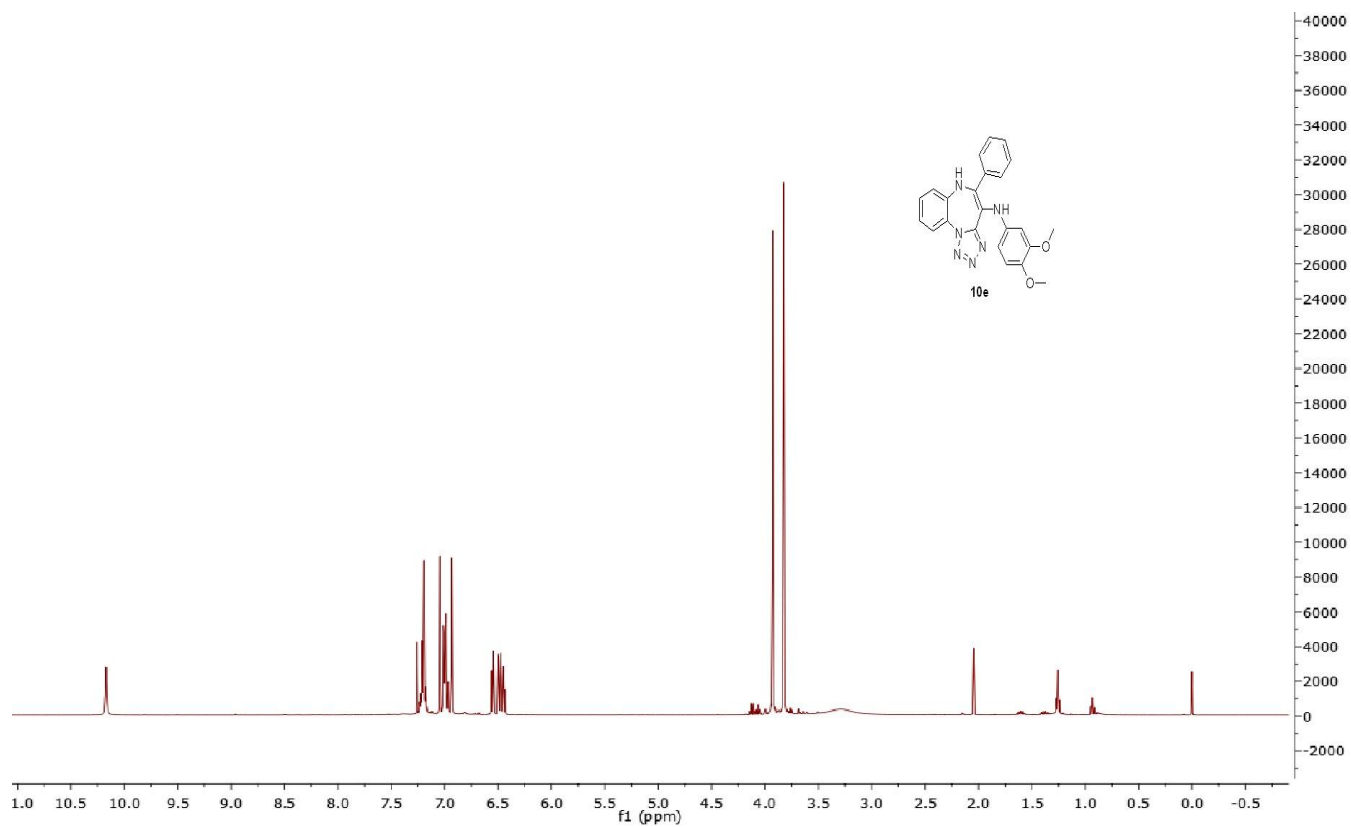
^1H NMR for compound **10d** (CDCl_3 , 400 MHz)



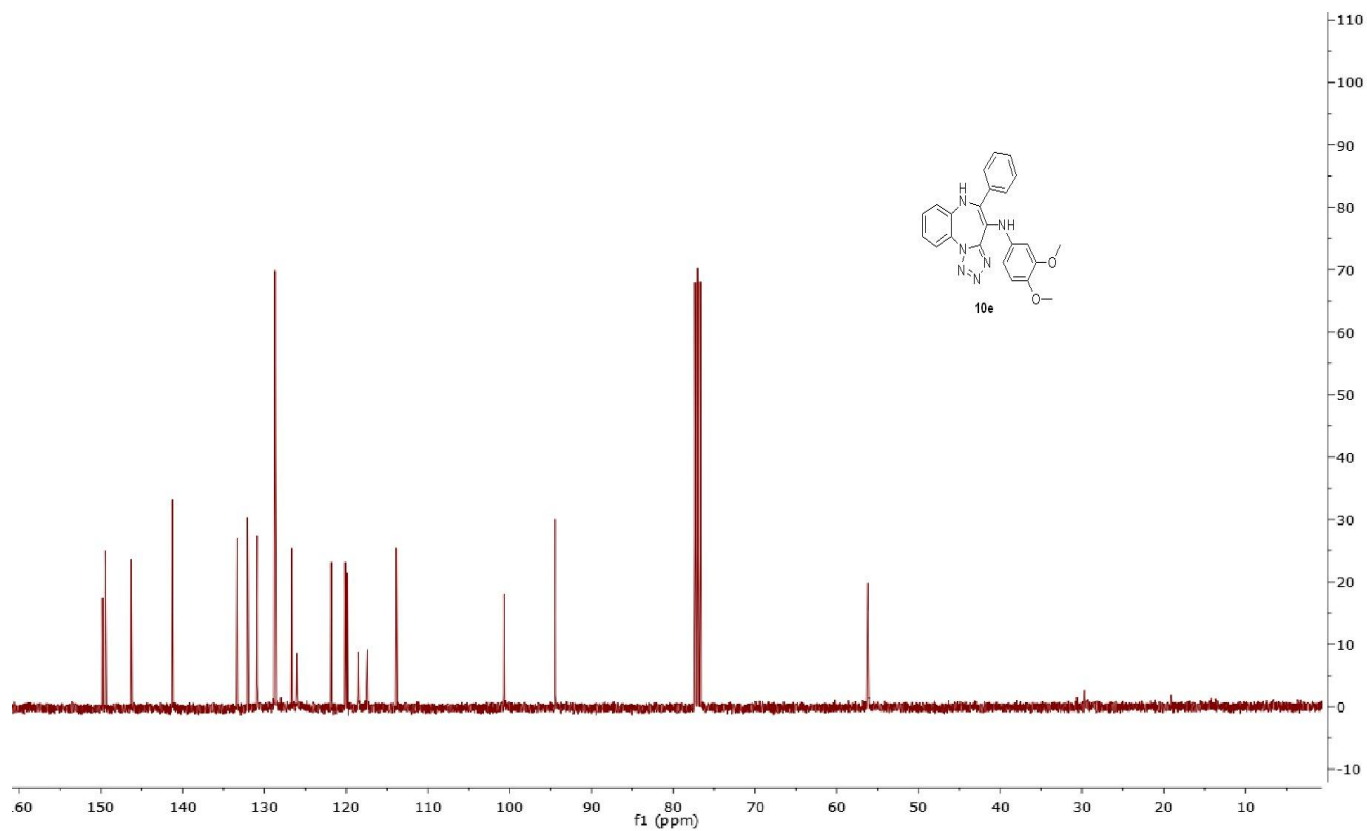
^{13}C NMR for compound **10d** (CDCl_3 , 100 MHz)



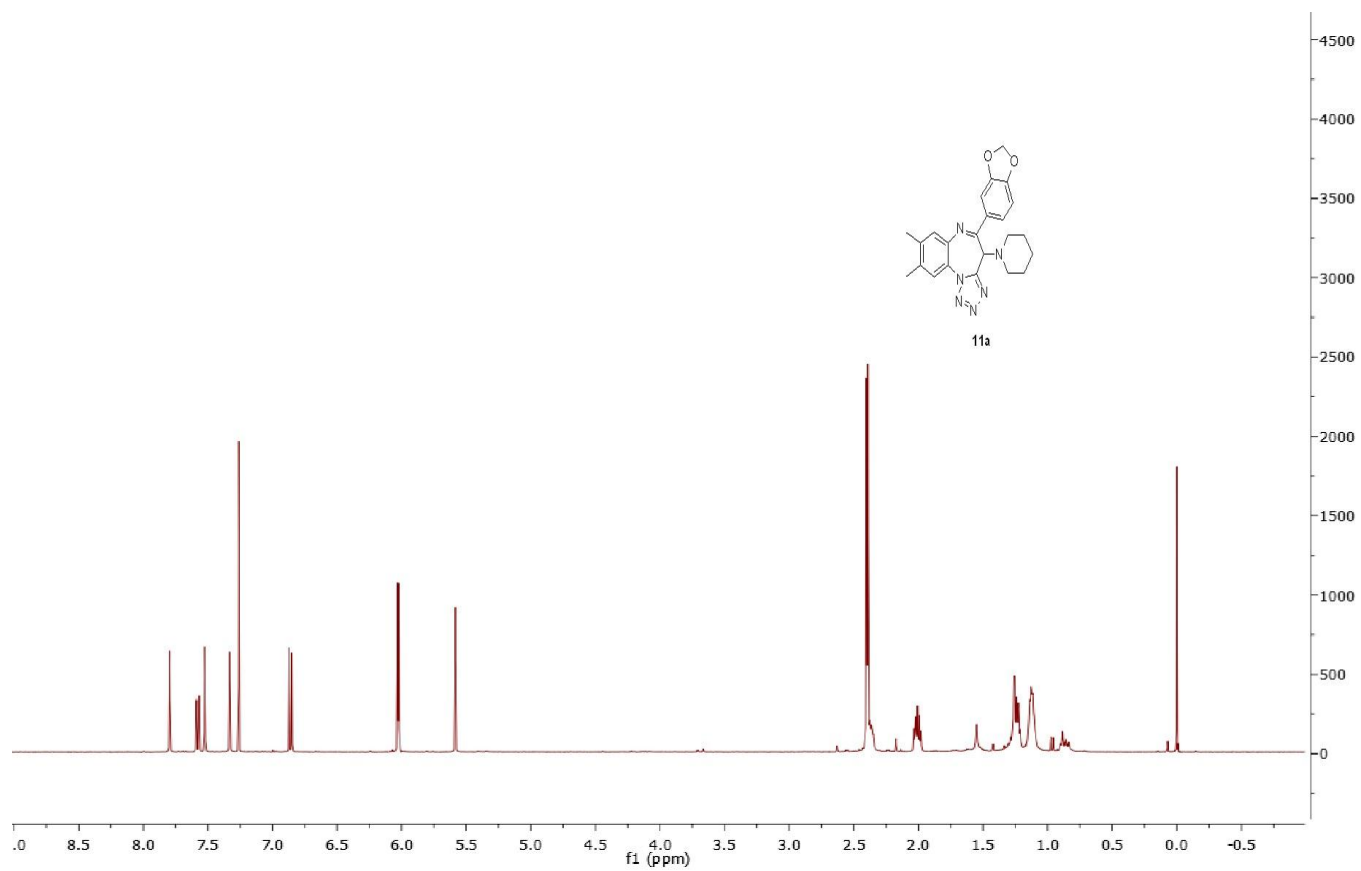
^1H NMR for compound **10e** (CDCl_3 , 400 MHz)



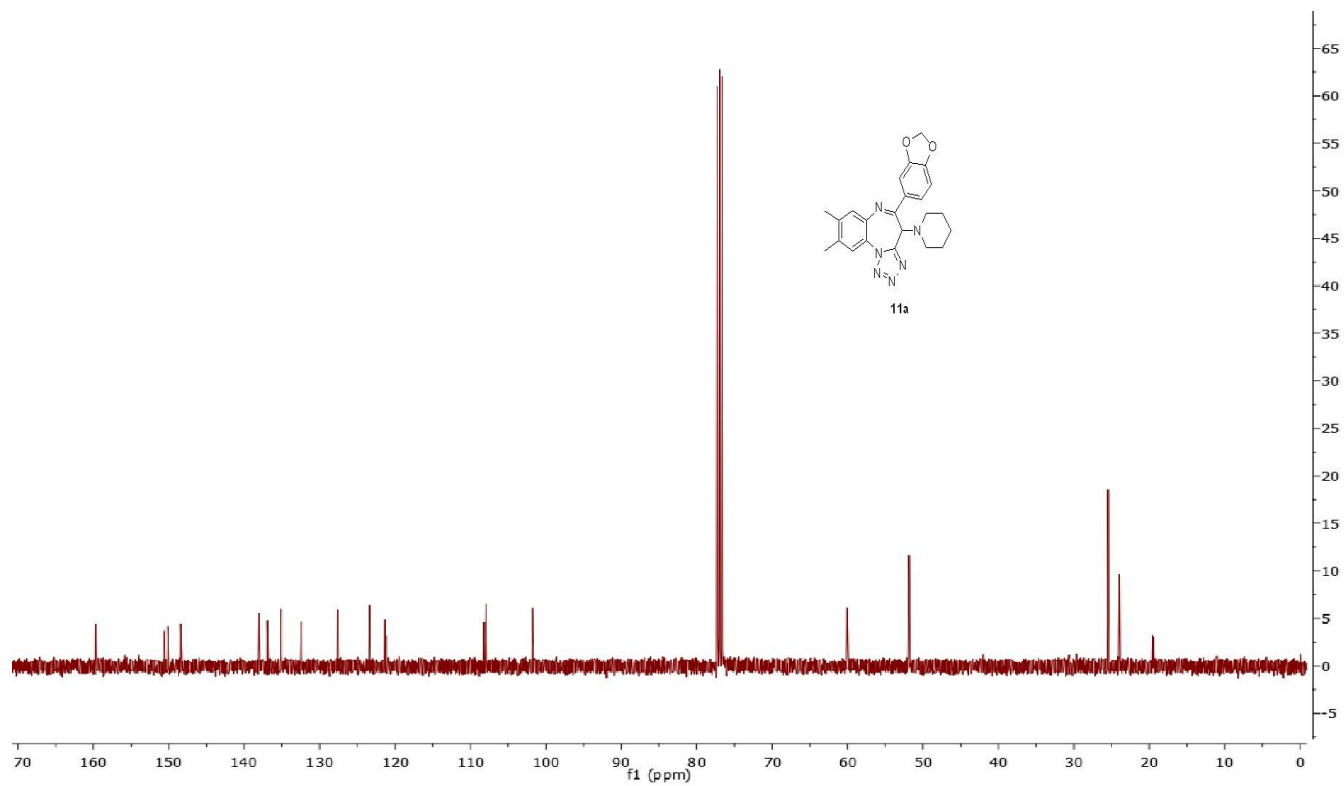
^{13}C NMR for compound **10e** (CDCl_3 , 100 MHz)



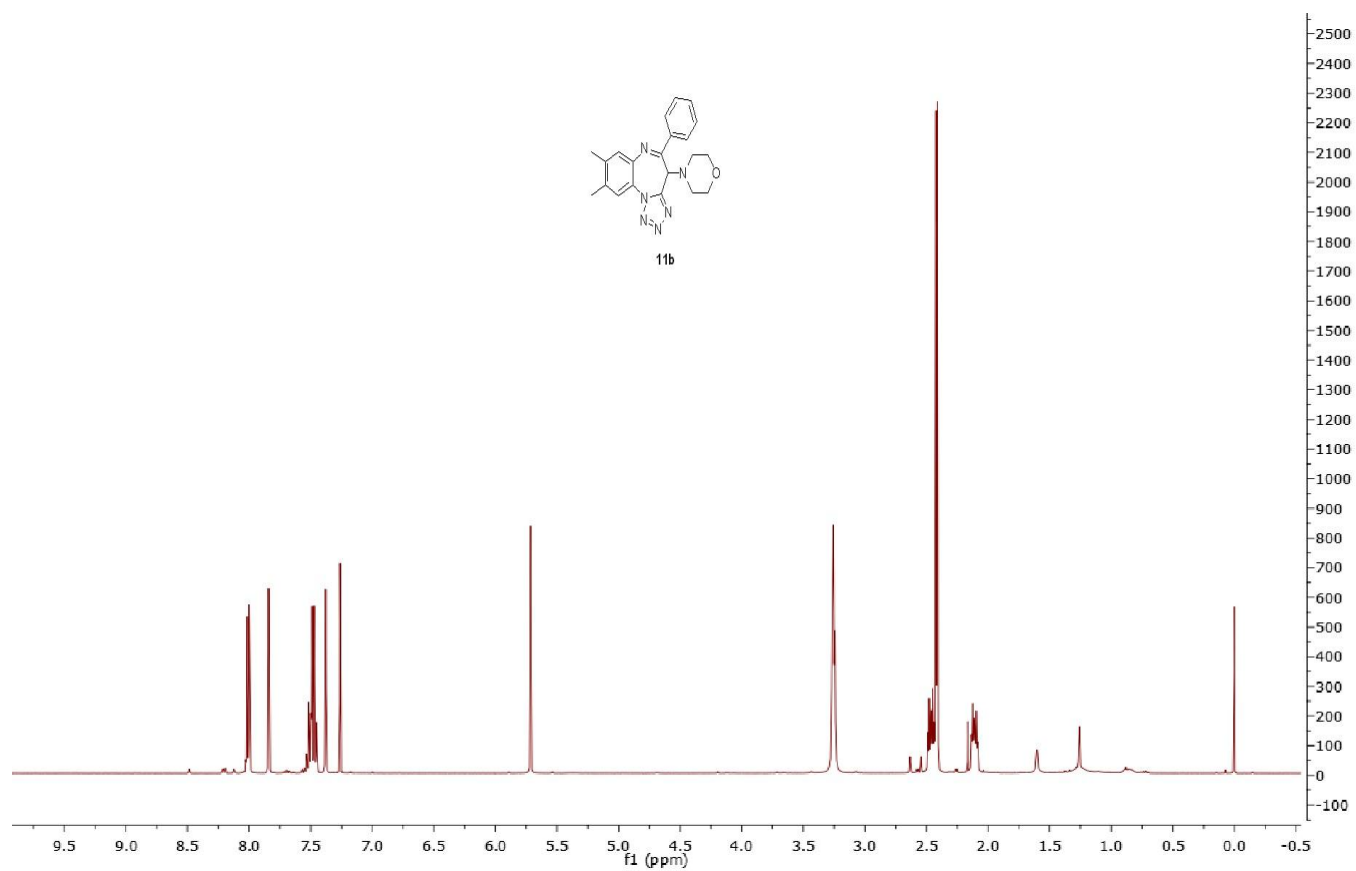
^1H NMR for compound **11a** (CDCl_3 , 400 MHz)



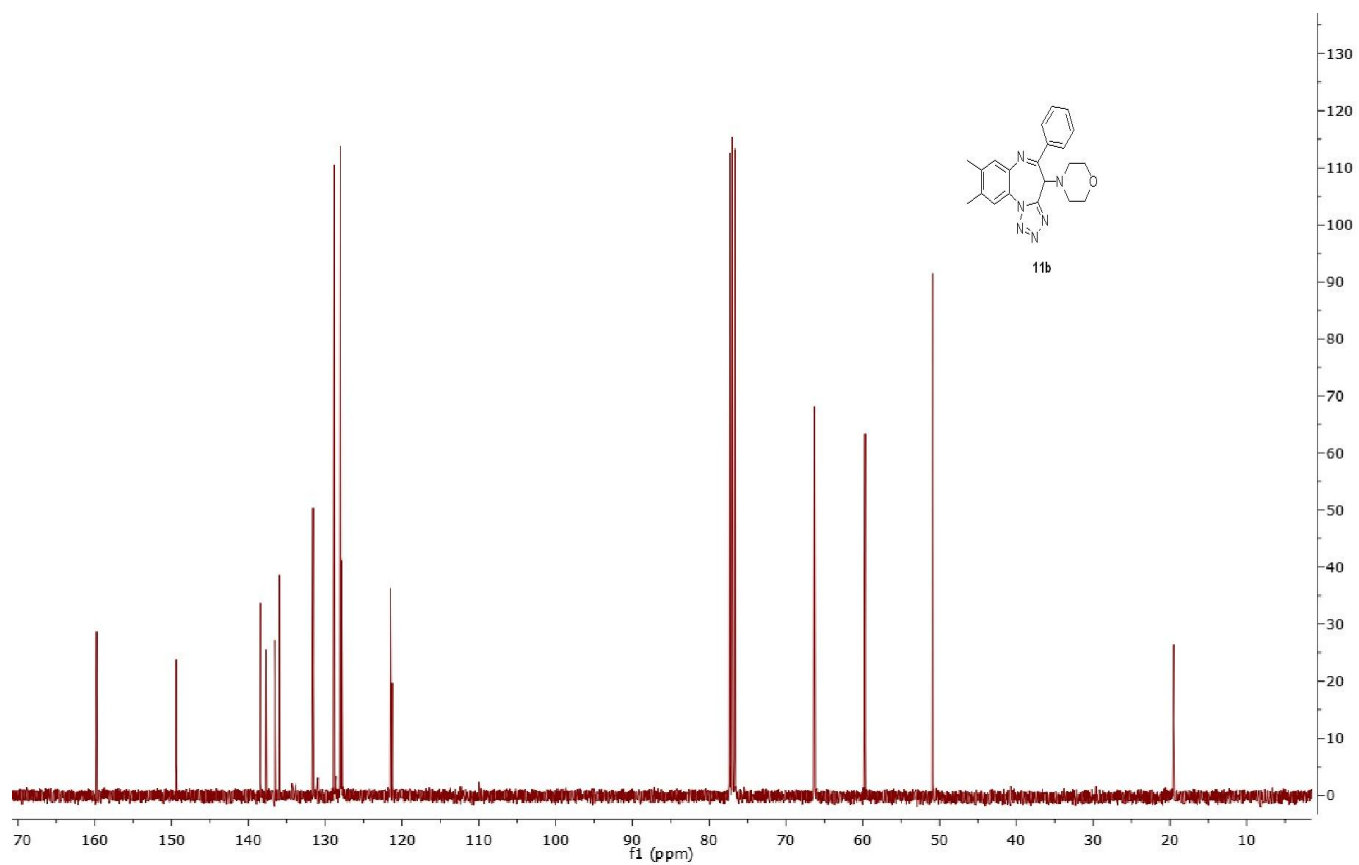
^{13}C NMR for compound **11a** (CDCl_3 , 100 MHz)



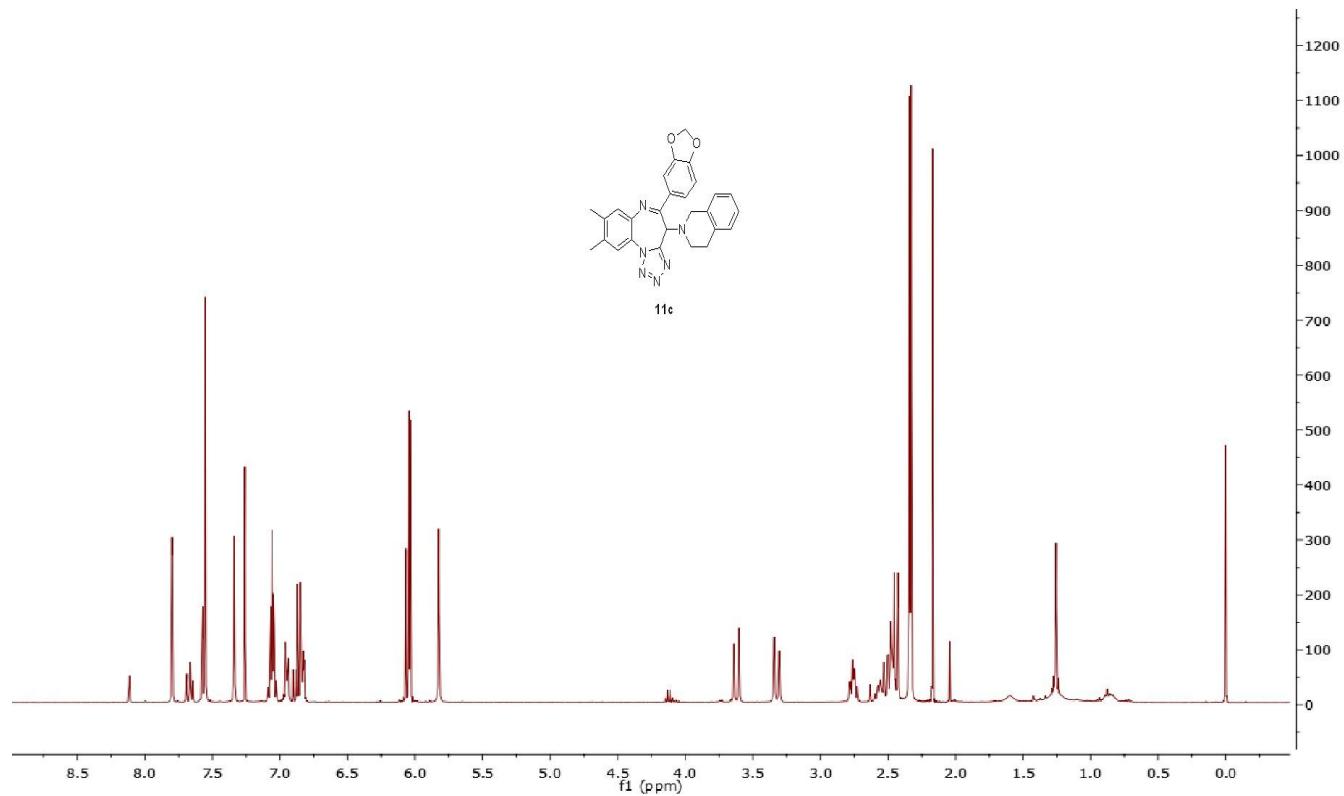
^1H NMR for compound **11b** (CDCl_3 , 400 MHz)



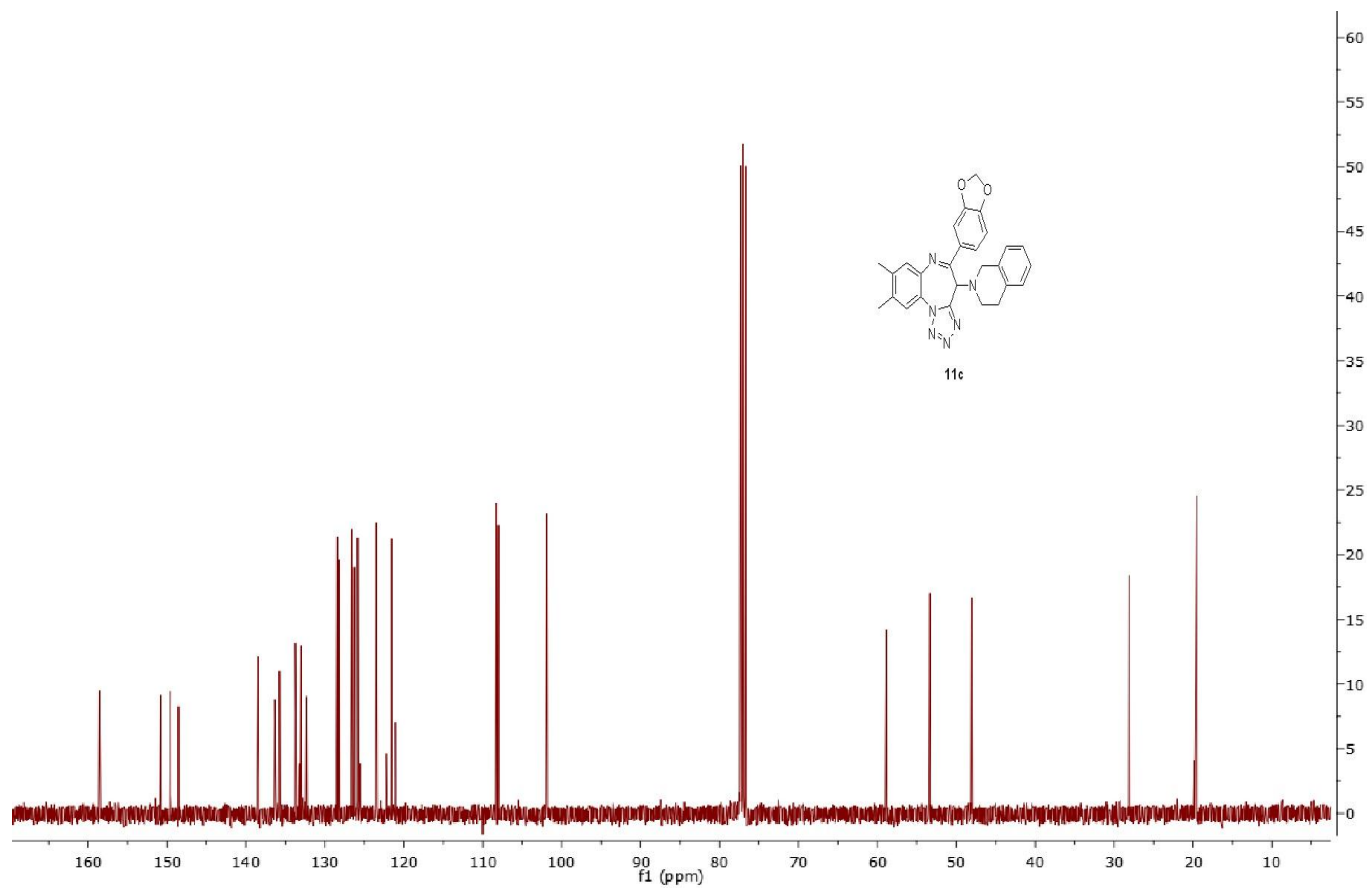
^{13}C NMR for compound **11b** (CDCl_3 , 100 MHz)



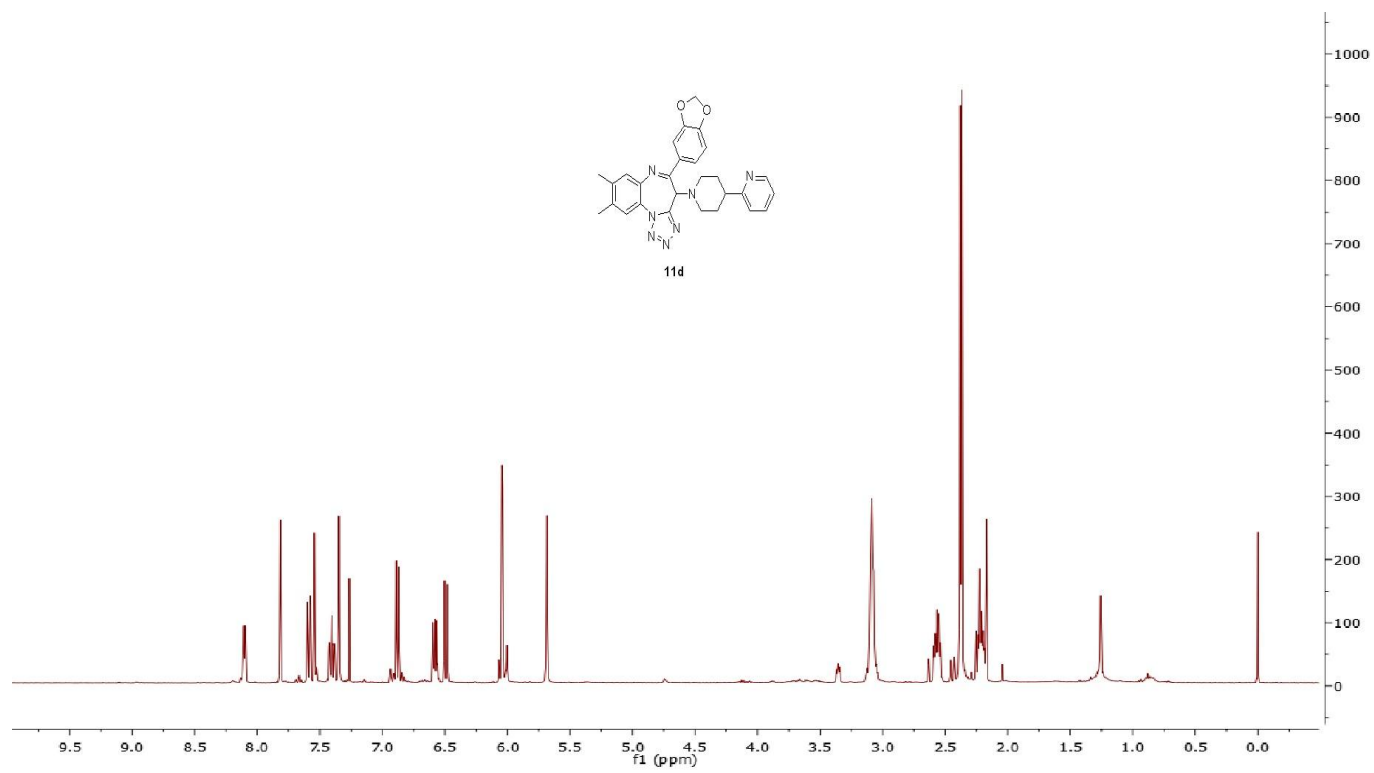
^1H NMR for compound **11c** (CDCl_3 , 400 MHz)



^{13}C NMR for compound **11c** (CDCl_3 , 100 MHz)



^1H NMR for compound **11d** (CDCl_3 , 400 MHz)



^{13}C NMR for compound **11d** (CDCl_3 , 100 MHz)

