Supporting Information

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Design and synthesis of novel peptidomimetics for cancer immunotherapy

Ceyda Köse[1,2], Esra Uysal[1,2], Büşra Yazıcı[1], Zeynep Tuğay[1], Serap İpek Dingiş Birgül[3], Hamdullah Yanık[4], Ece Tavukçuoğlu[4], Sevgi Gülyüz[1,2], Atilla Akdemir[3], Güneş Esendağlı[4], Özgür Yılmaz[2,*] and Onur Alptürk[1,†]

[1]Istanbul Technical University, Department of Chemistry, 34469, Maslak, Istanbul, Türkiye

[2]Materials Institute, Marmara Research Center, TUBITAK, 41470, Gebze, Kocaeli, Türkiye

[3]Computer-aided Drug Discovery Laboratory, Department of Pharmacology, Faculty of Pharmacy, Bezmialem Vakif University, Fatih, 34093 Istanbul, Türkiye

[4]Department of Basic Oncology, Cancer Institute, Hacettepe University, 06100, Ankara, Türkiye

[*] Corresponding author: E-mail:**yilmaz.ozgur@tubitak.gov.tr**; Phone: +0(262) 677 2000/3165; Fax: +90(262) 641 2309.

[†] Corresponding author: E-mail:**onur.alpturk@itu.edu.tr**; Phone: + 90(212) 285 3249; Fax: + 90(212) 285 6386.

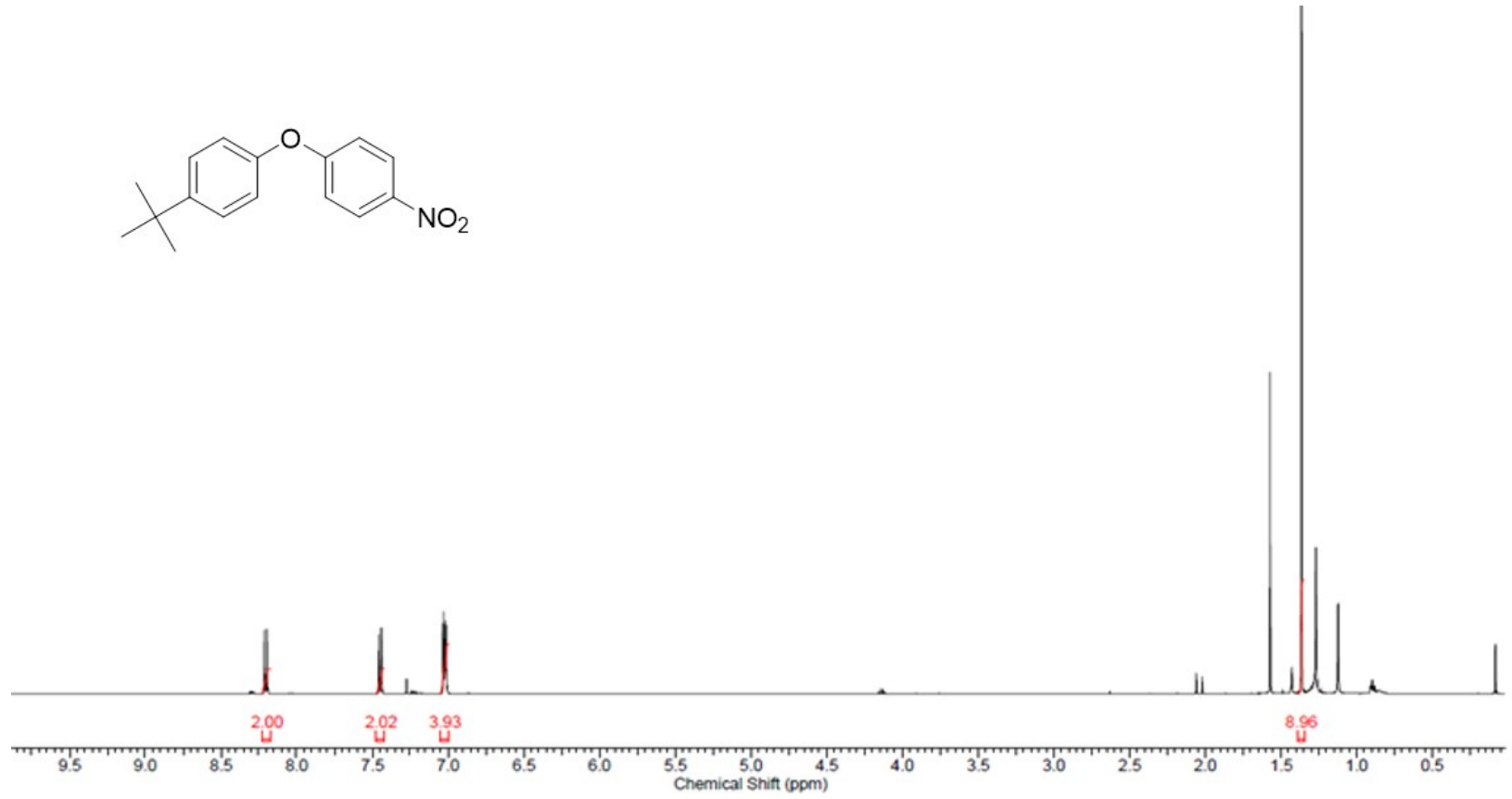

Figure S1: ^{1}H-NMR Spectrum of Compound **3a** (DMSO- d_6, 500 MHz)

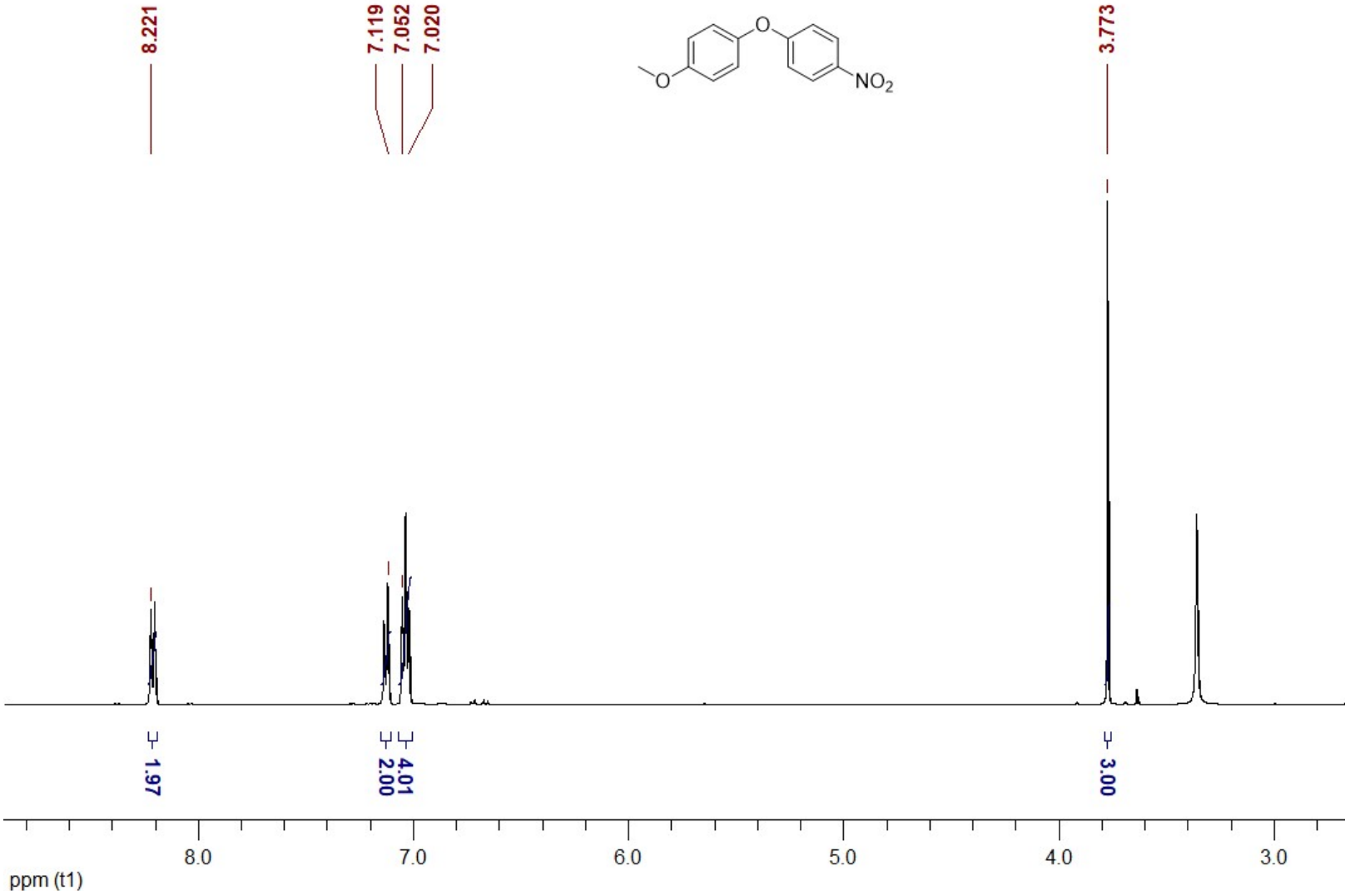

Figure S2: ^{1}H-NMR Spectrum of Compound **3b** (DMSO- d_6, 500 MHz)

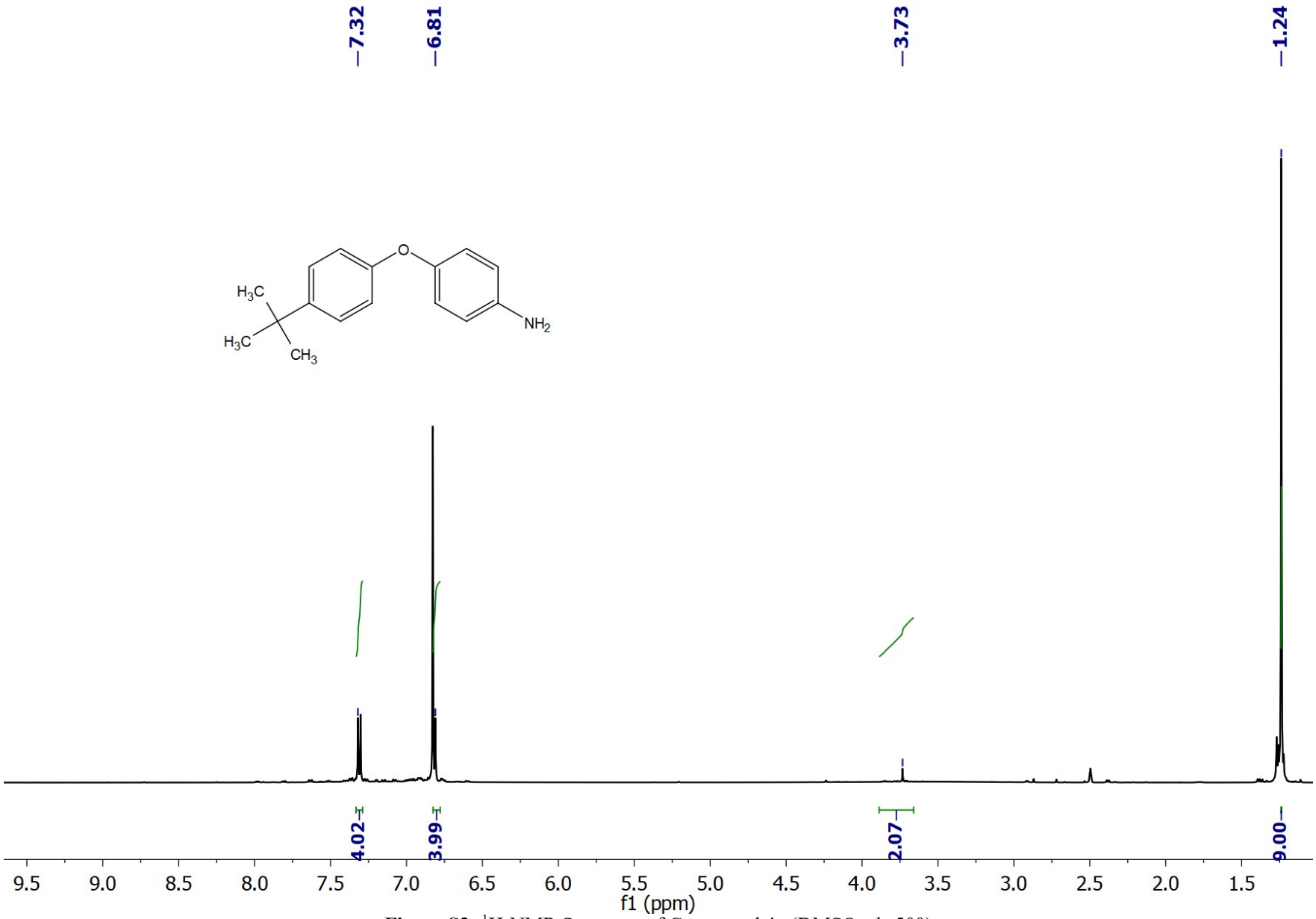

Figure S3: ^{1}H-NMR Spectrum of Compound **4a** (DMSO- d_6, 500)

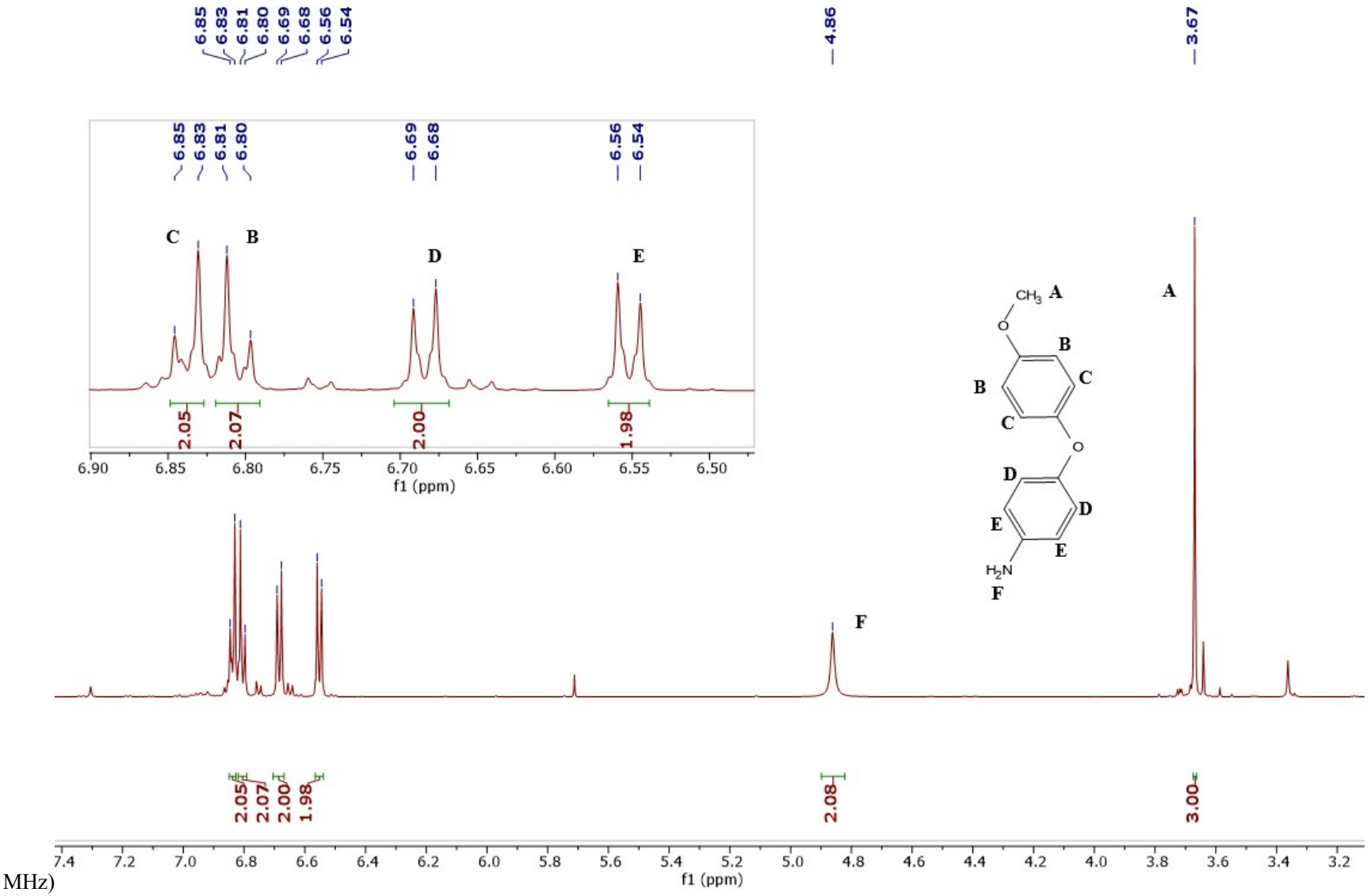

Figure S4: [1]H-NMR Spectrum of Compound **4b** (DMSO- d_6, 500 MHz)

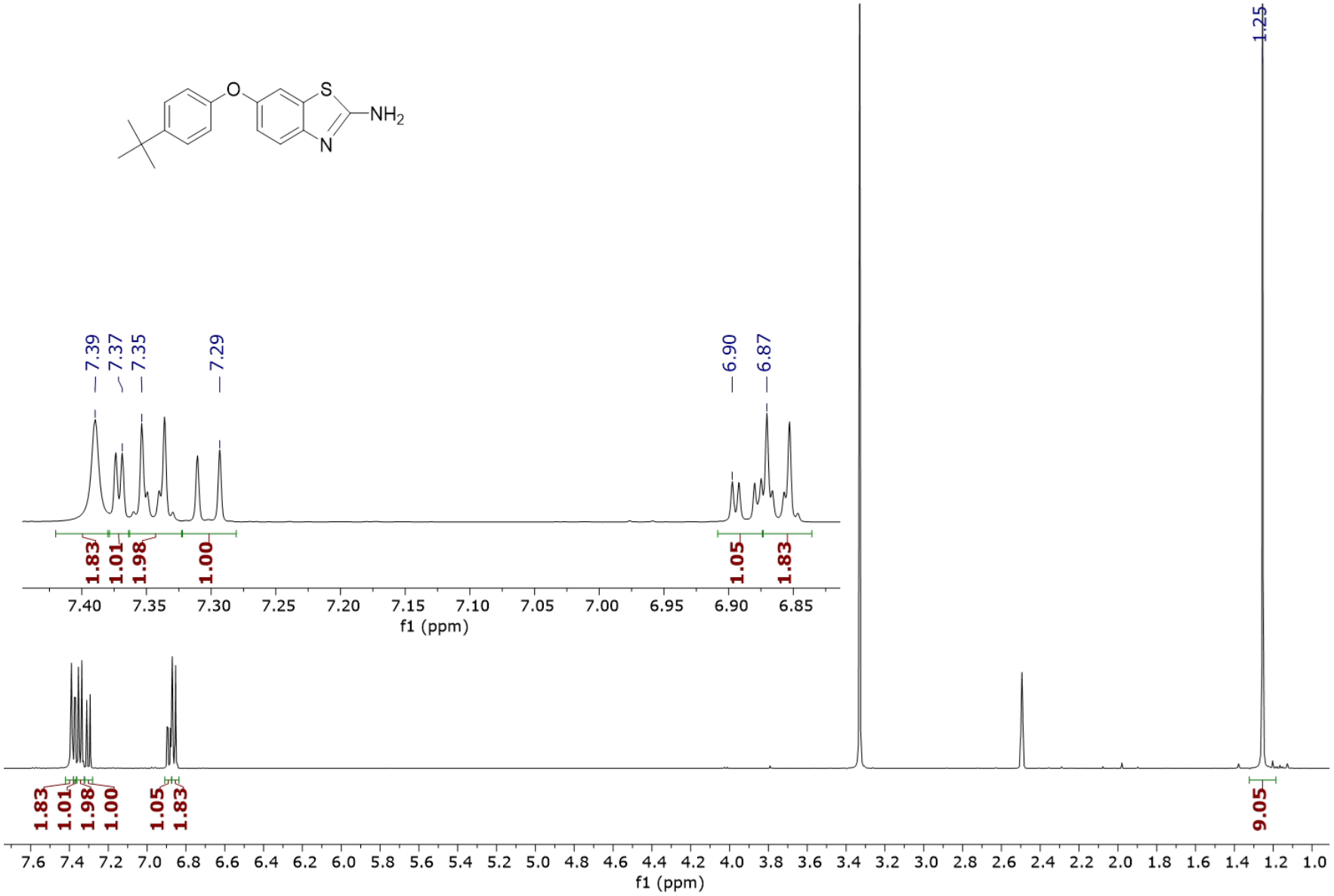

Figure S5: [1]H-NMR Spectrum of Compound **5a** (DMSO- d_6, 500 MHz)

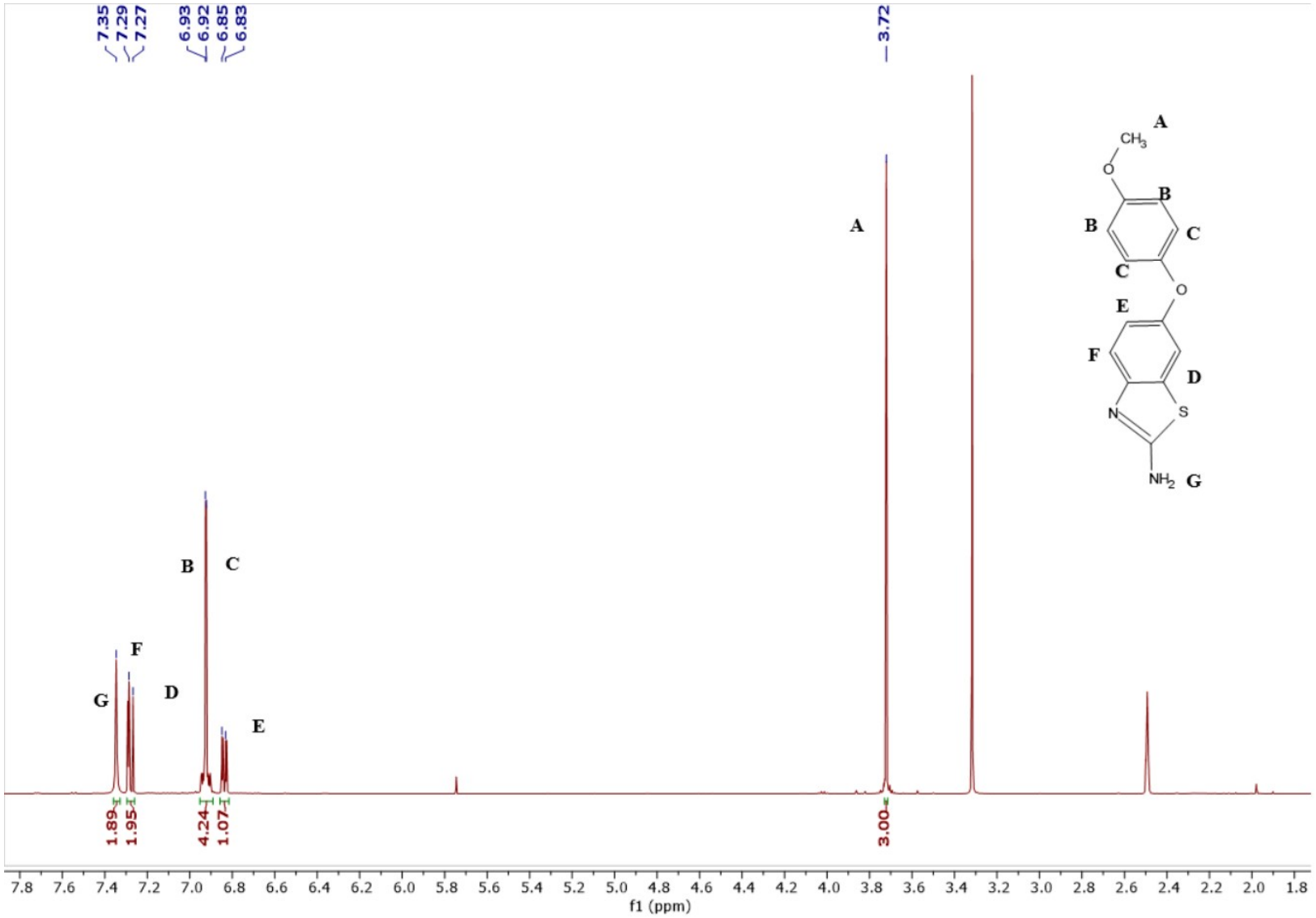

Figure S6: [1]H-NMR Spectrum of Compound **5b** (DMSO- d_6, 500 MHz)

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File Name	D:\Tardis\Articles for Research\Research Related Literature\PET Imaging\NMRs\Raw NMR\OALP_212_20180904_01\OALP_212_PROTON_01.fid\fid						
Frequency (MHz)	499.85	*Nucleus*	1H	*Number of Transients*	128	*Original Points Count*	16384
Points Count	16384	*Pulse Sequence*	s2pul	*Receiver Gain*	54.00	*Solvent*	CHLOROFORM-d
Spectrum Offset (Hz)	2499.1570	*Spectrum Type*	STANDARD	*Sweep Width (Hz)*	8992.81	*Temperature (degree C)*	AMBIENT TEMPERATURE

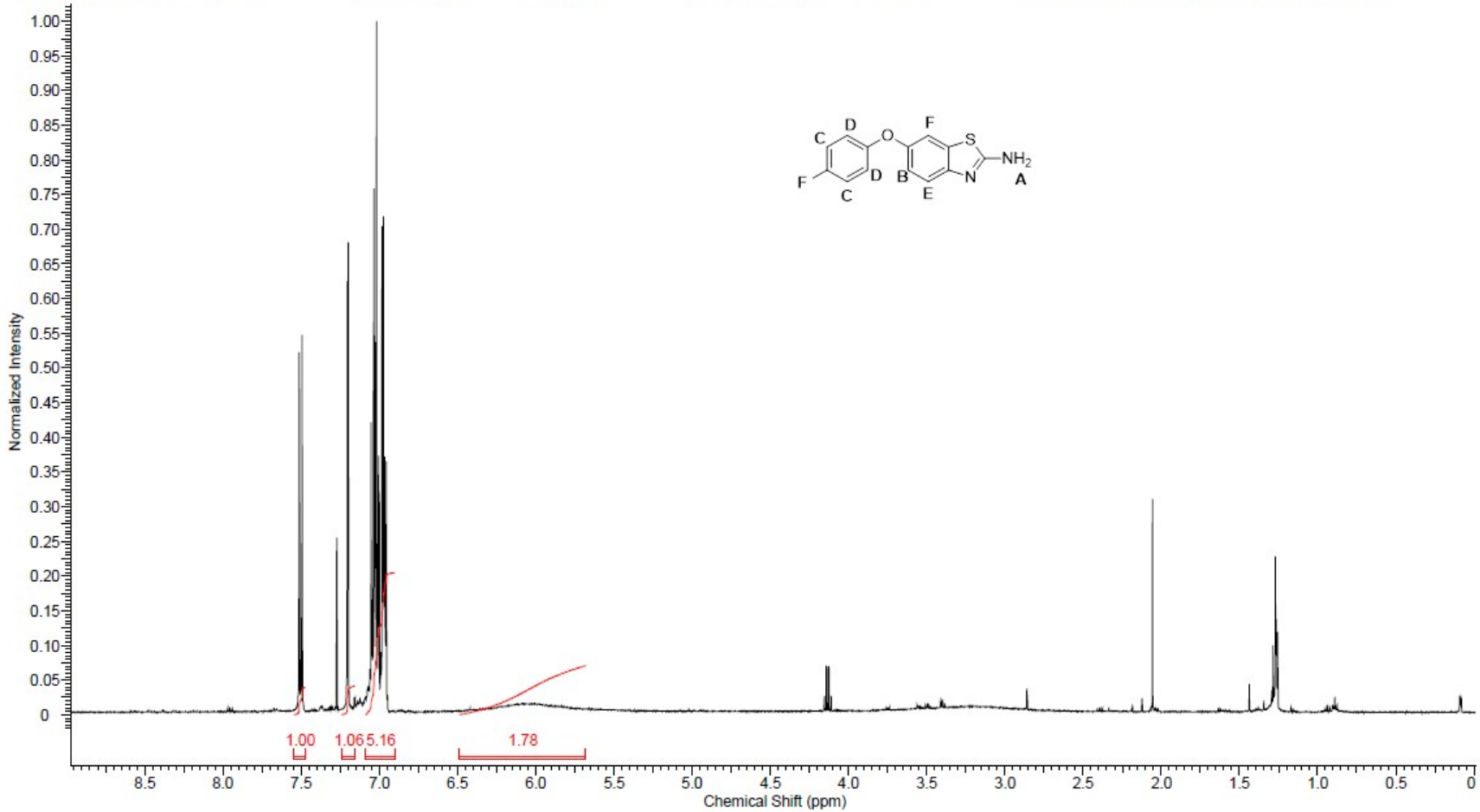

Figure S7: ^{1}H-NMR Spectrum of Compound **5c** (DMSO- d_6, 500 MHz)

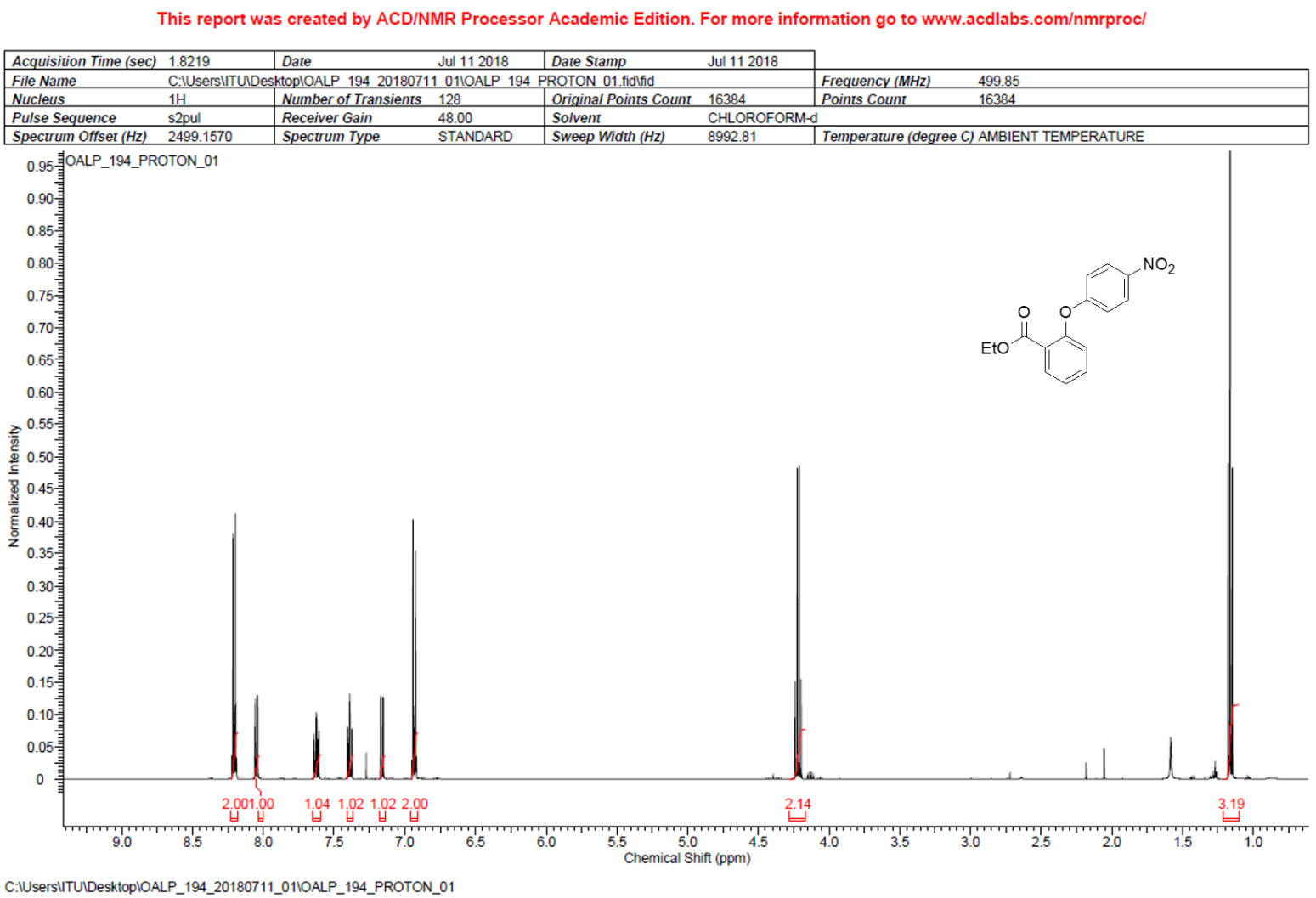

Figure S8: ^{1}H-NMR Spectrum of Compound **7a** (DMSO- d_6, 500 MHz)

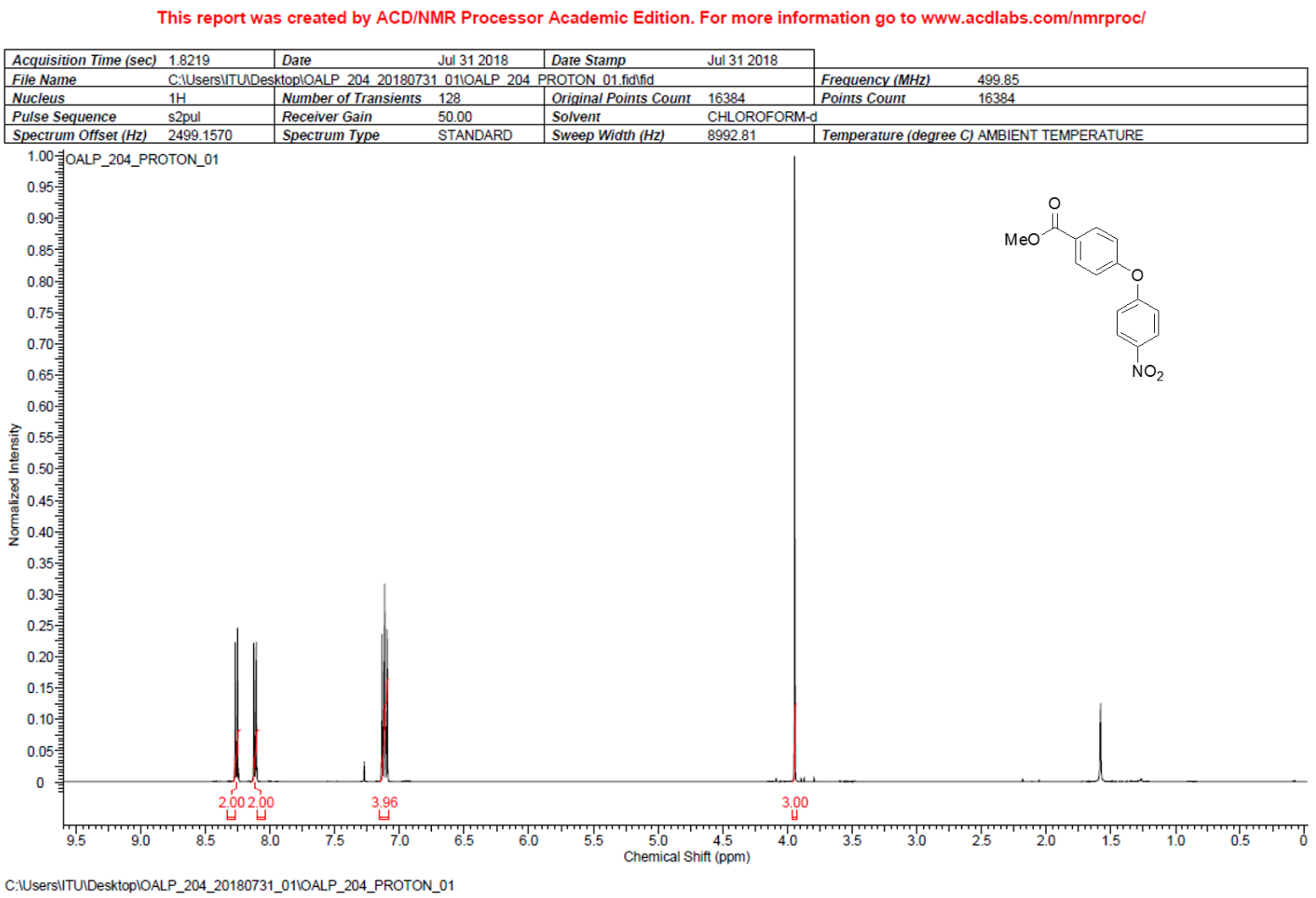

Figure S9: ^{1}H-NMR Spectrum of Compound **7b** (DMSO- d_6, 500 MHz)

Acquisition Time (sec)	1.8219	*Date*	Jul 17 2018	*Date Stamp*	Jul 17 2018		
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Nucleus	1H	*Number of Transients*	128	*Original Points Count*	16384	*Points Count*	16384
Pulse Sequence	s2pul	*Receiver Gain*	46.00	*Solvent*	CHLOROFORM-d		
Spectrum Offset (Hz)	2499.1570	*Spectrum Type*	STANDARD	*Sweep Width (Hz)*	8992.81	*Temperature (degree C)*	AMBIENT TEMPERATURE

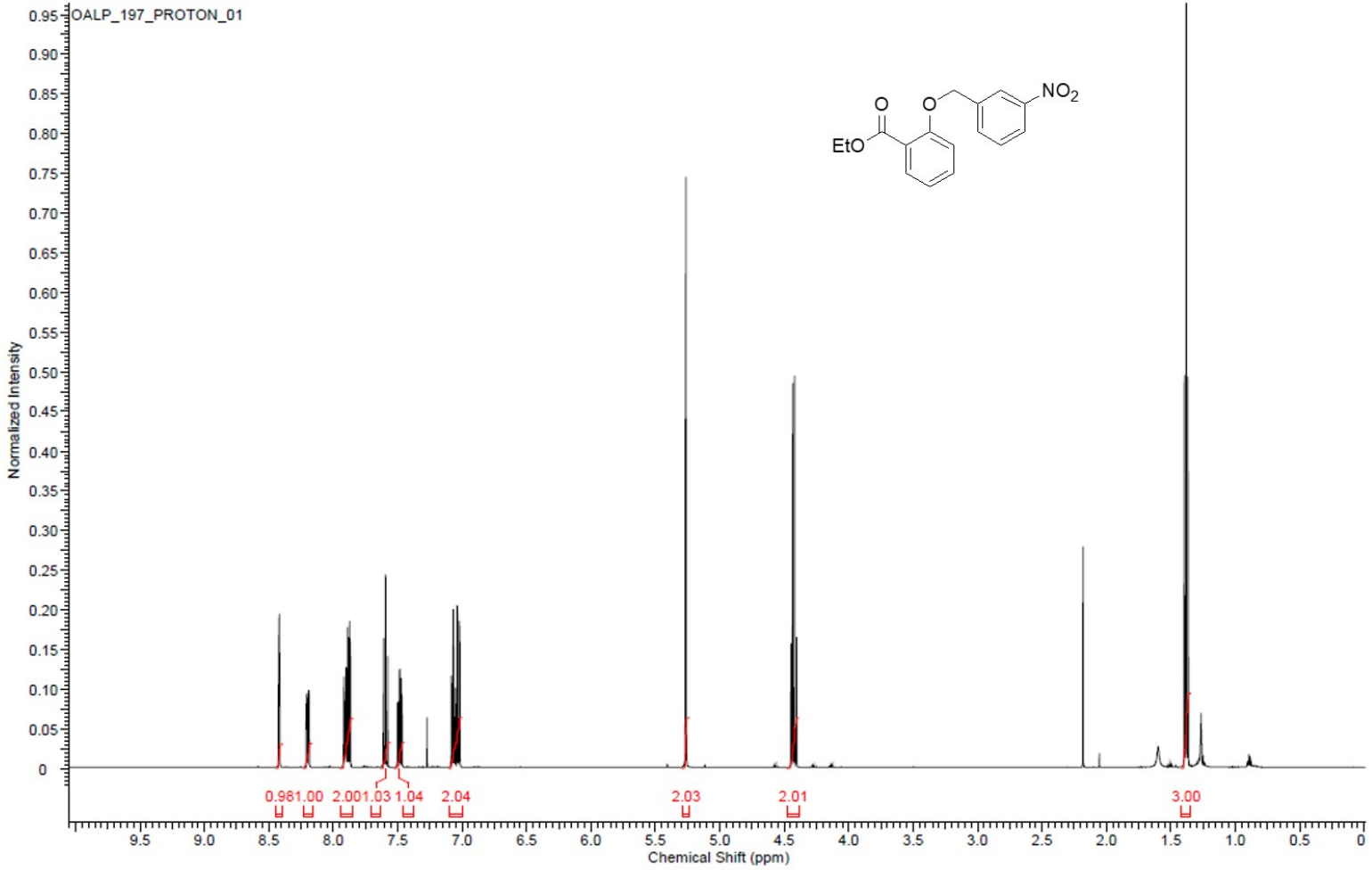
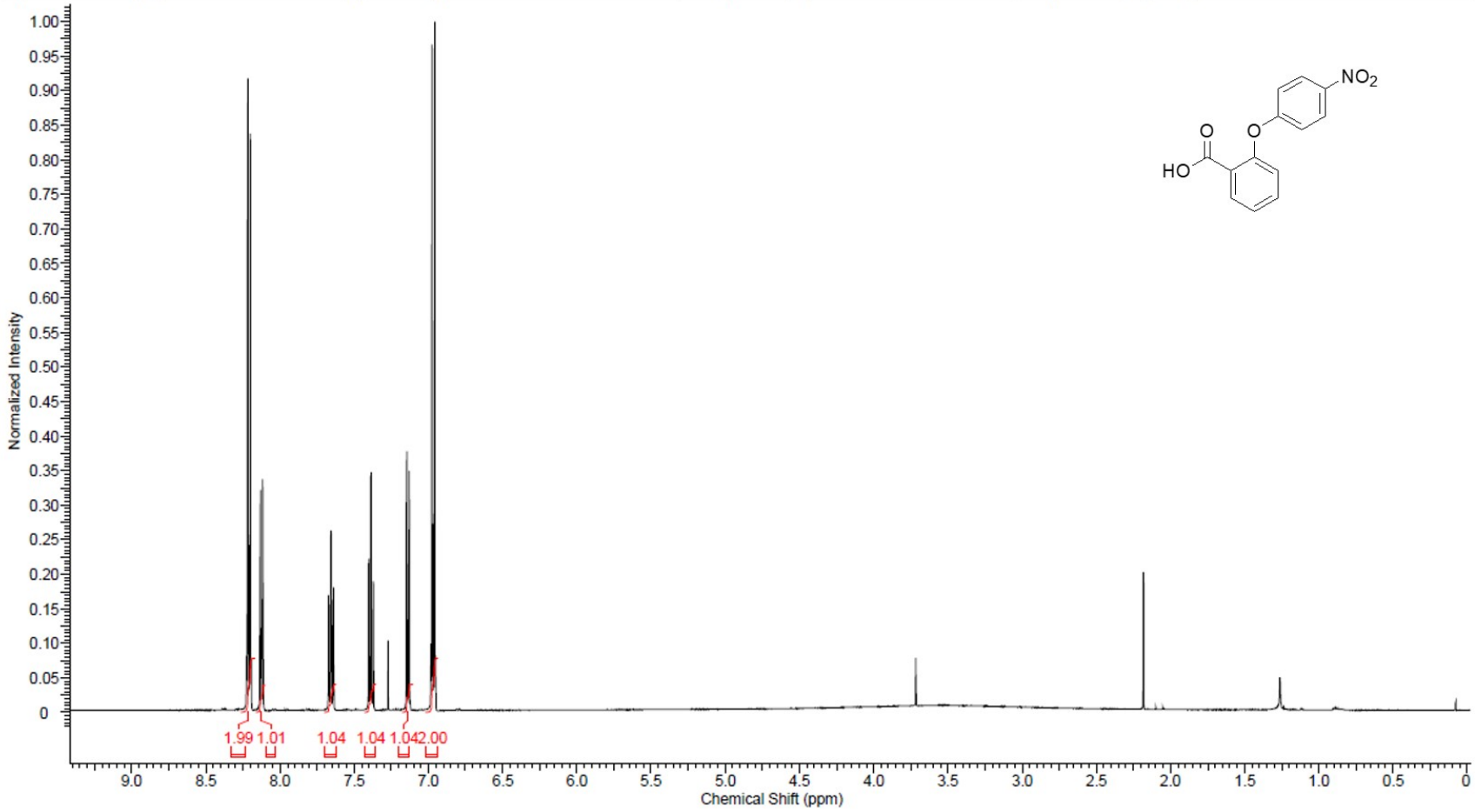


Figure S10: ^{1}H-NMR Spectrum of Compound **7c** (DMSO- d_6, 500 MHz)

Acquisition Time (sec)	1.8219	*Date*	Jul 18 2018	*Date Stamp*	Jul 18 2018		
File Name	D:\TardIs\Articles for Research\Research Related Literature\PET Imaging\NMRs\Raw NMR\OALP_198_20180718_01\OALP_198_PROTON_01.fid\fid						
Frequency (MHz)	499.85	*Nucleus*	1H	*Number of Transients*	128	*Original Points Count*	16384
Points Count	16384	*Pulse Sequence*	s2pul	*Receiver Gain*	48.00	*Solvent*	CHLOROFORM-d
Spectrum Offset (Hz)	2499.1570	*Spectrum Type*	STANDARD	*Sweep Width (Hz)*	8992.81	*Temperature (degree C)*	AMBIENT TEMPERATURE



D:\TardIs\Articles for Research\Research Related Literature\PET Imaging\NMRs\Raw NMR\OALP_198_20180718_01\OALP_198_PROTON_01

Figure S11: ^{1}H-NMR Spectrum of Compound **8a** (DMSO- d_6, 500 MHz)

Acquisition Time (sec)	1.8219	*Date*	Aug 14 2018	*Date Stamp*	Aug 14 2018		
File Name	D:\TardIs\Articles for Research\Research Related Literature\PET Imaging\NMRs\Raw NMR\OALP_209_20180814_01\OALP_209_PROTON_01.fid\fid						
Frequency (MHz)	499.85	*Nucleus*	1H	*Number of Transients*	128	*Original Points Count*	16384
Points Count	16384	*Pulse Sequence*	s2pul	*Receiver Gain*	38.00	*Solvent*	DMSO-d6
Spectrum Offset (Hz)	2499.1968	*Spectrum Type*	STANDARD	*Sweep Width (Hz)*	8992.81	*Temperature (degree C)*	AMBIENT TEMPERATURE

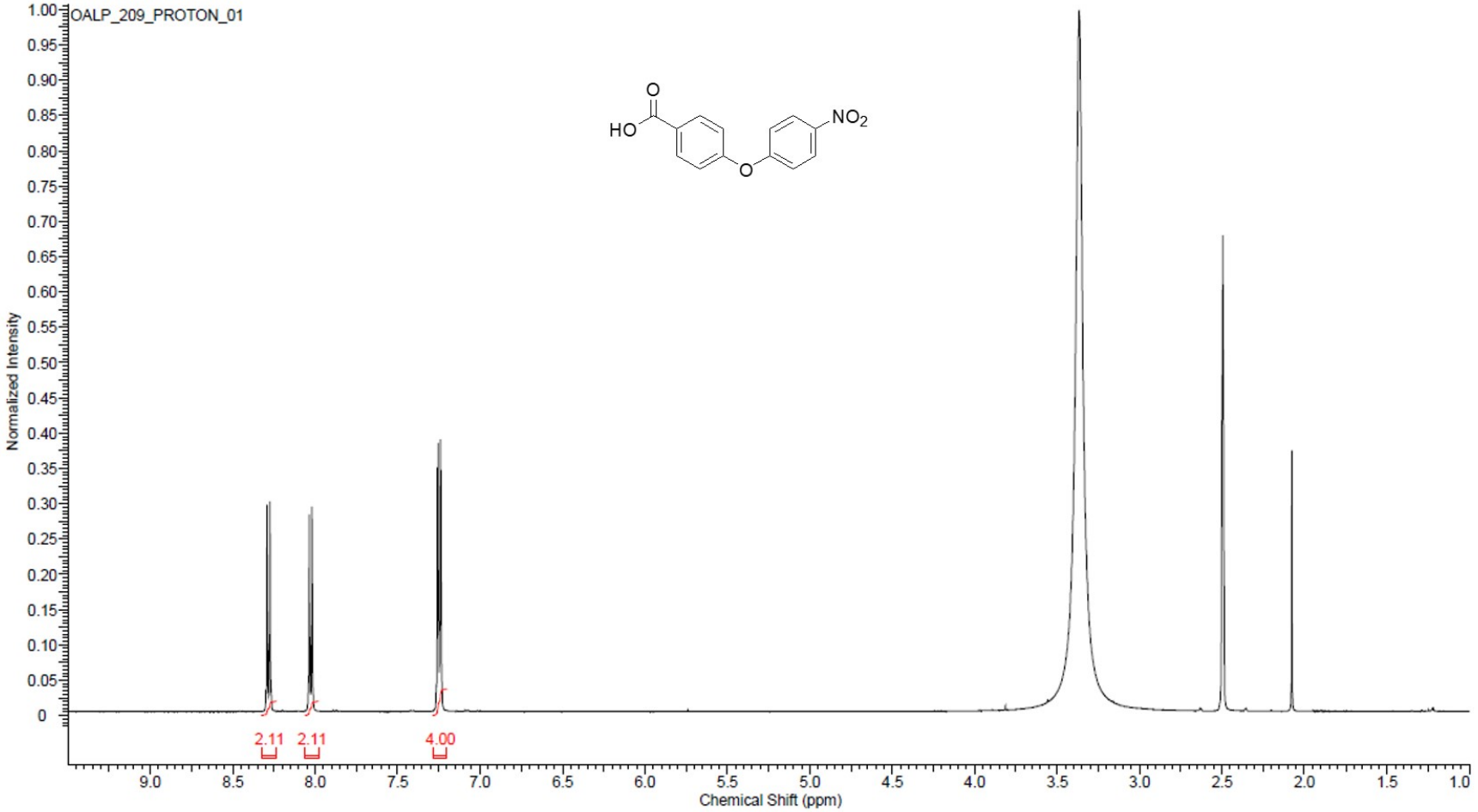


Figure S12: ^{1}H-NMR Spectrum of Compound **8b** (DMSO- d_6, 500 MHz)

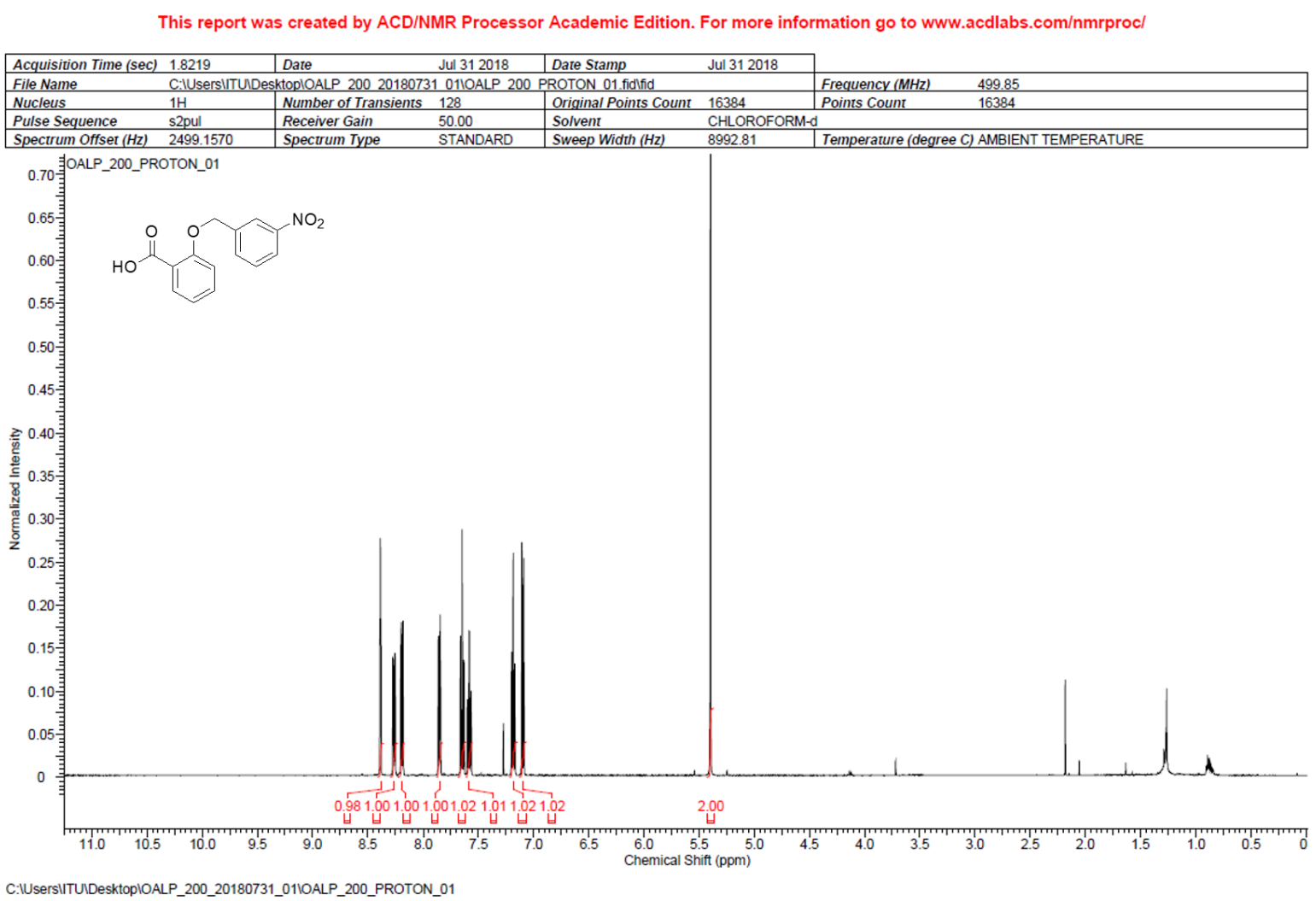


Figure S13: ^{1}H-NMR Spectrum of Compound **8c** (DMSO- d_6, 500 MHz)

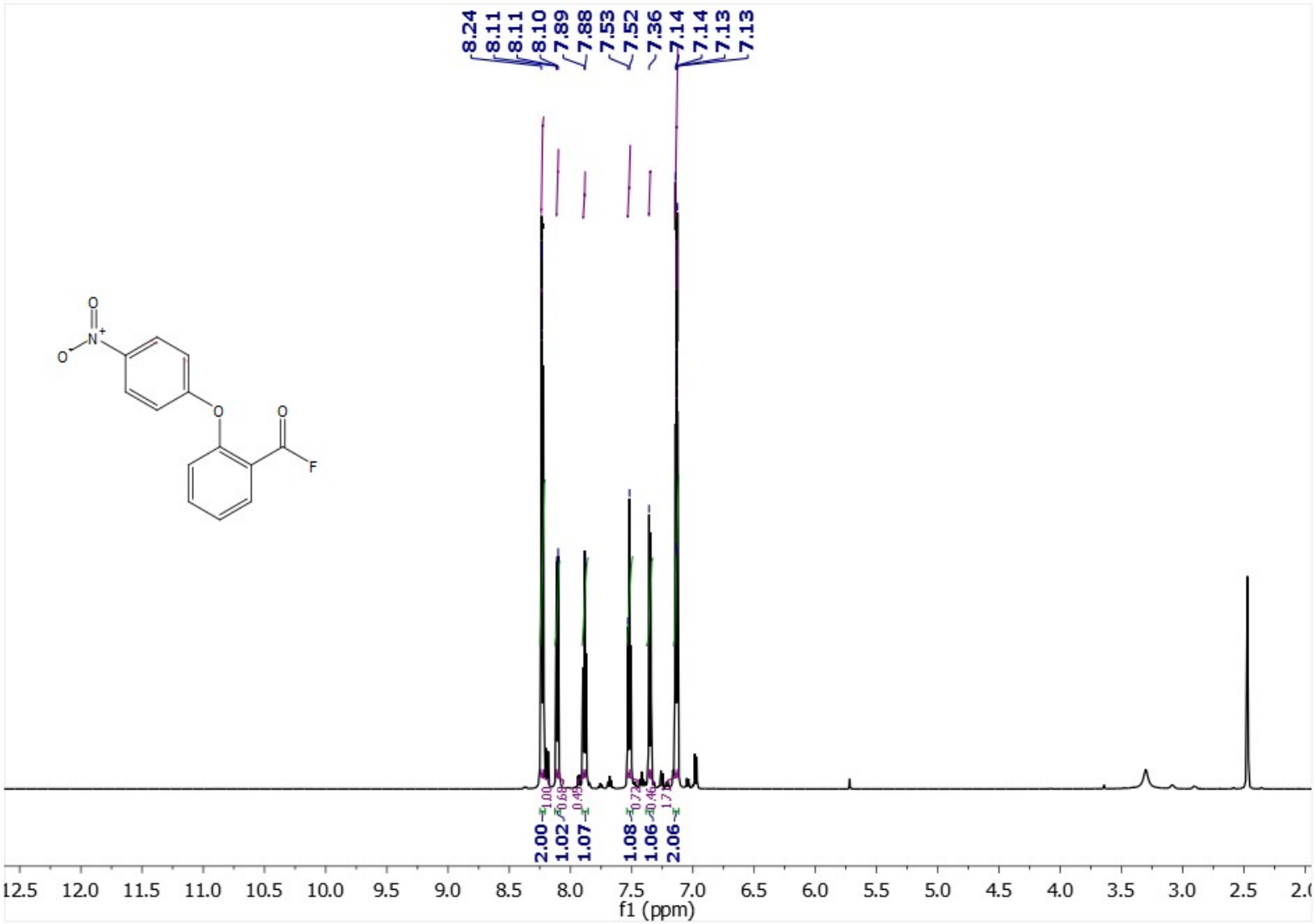


Figure S14: [1]H-NMR Spectrum of Compound **9a** (DMSO- d_6, 500 MHz)

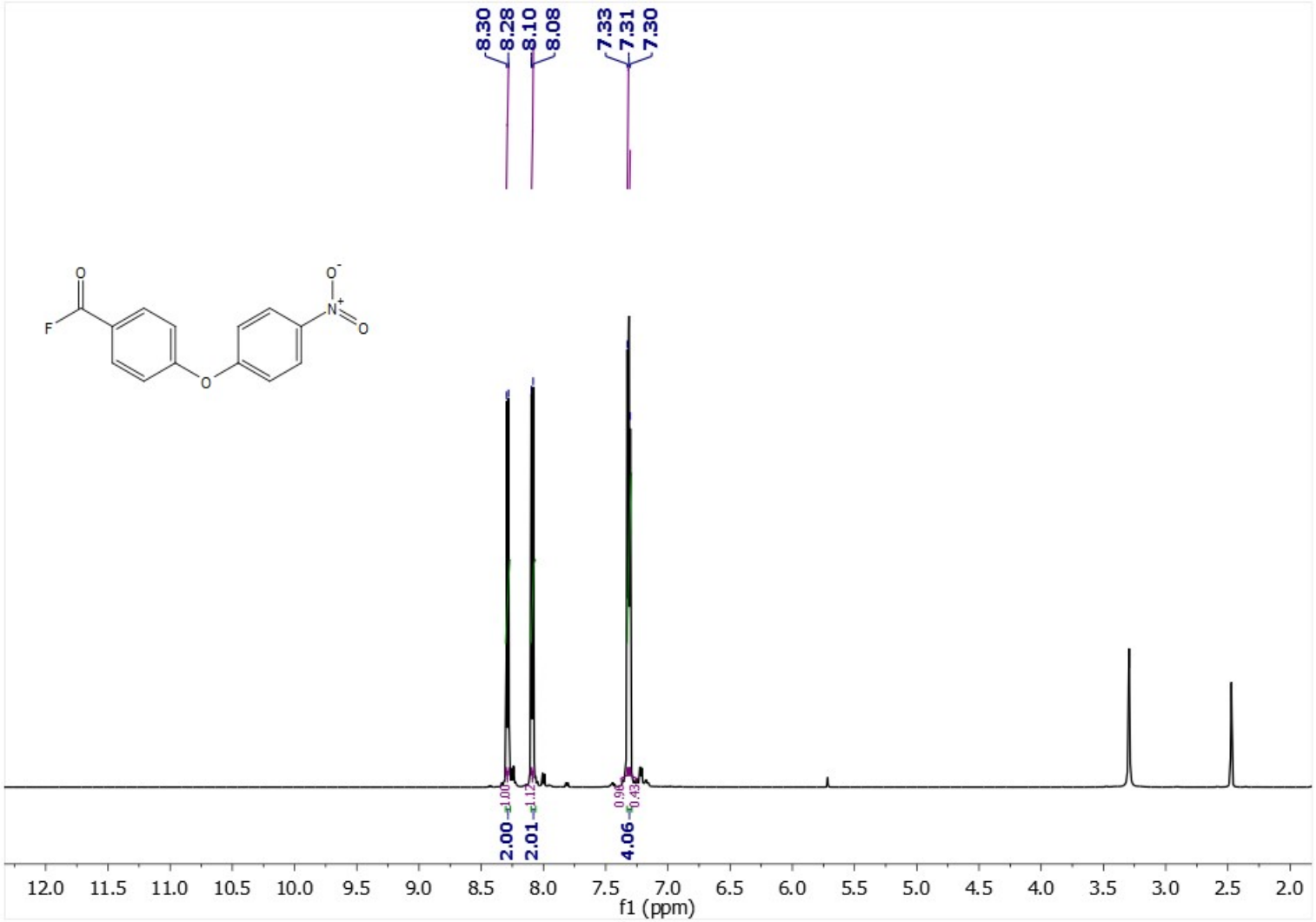


Figure S15: ^{1}H-NMR Spectrum of Compound **9b** (DMSO- d_6, 500 MHz)

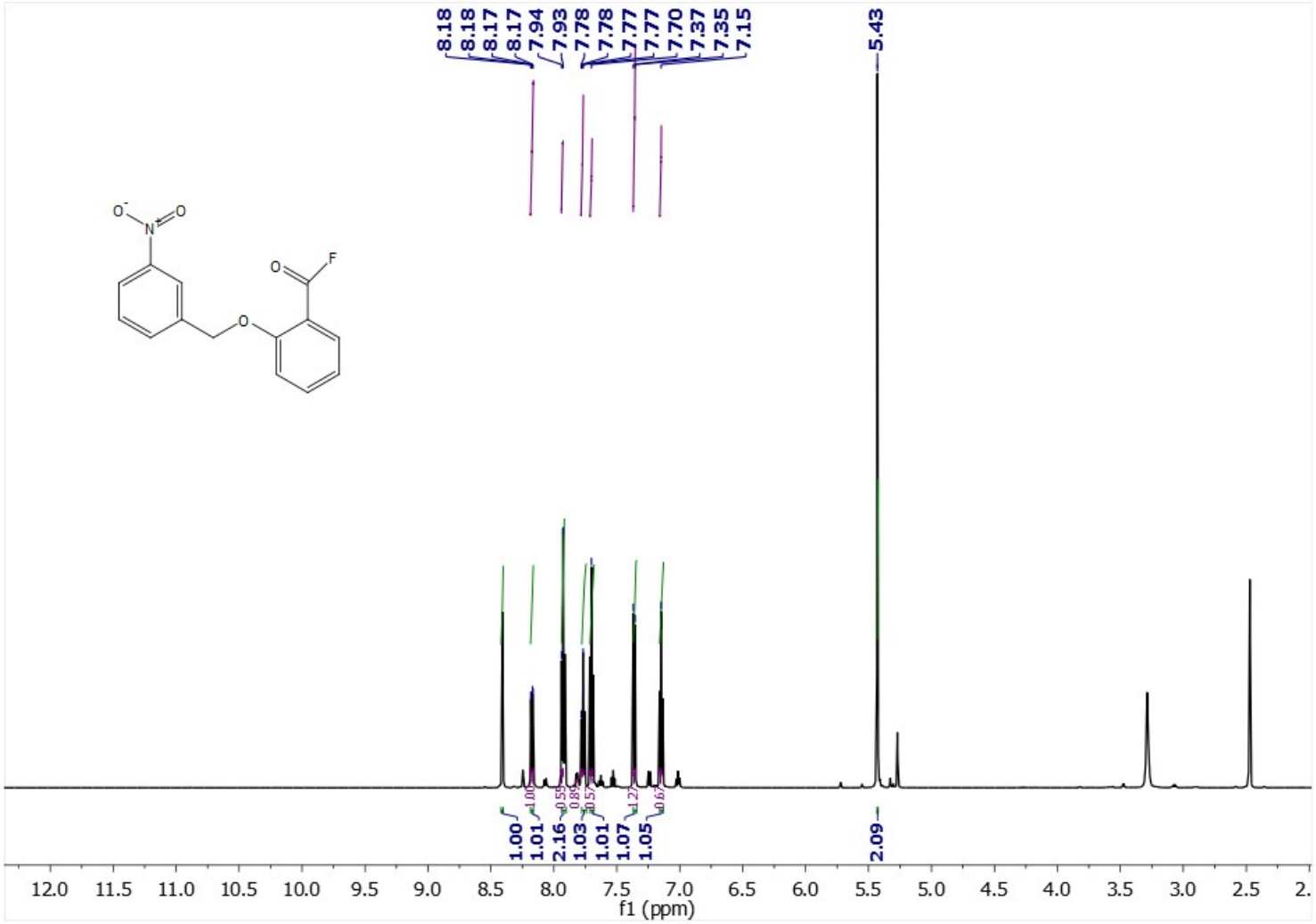


Figure S16: ^{1}H-NMR Spectrum of Compound **9c** (DMSO- d_6, 500 MHz)

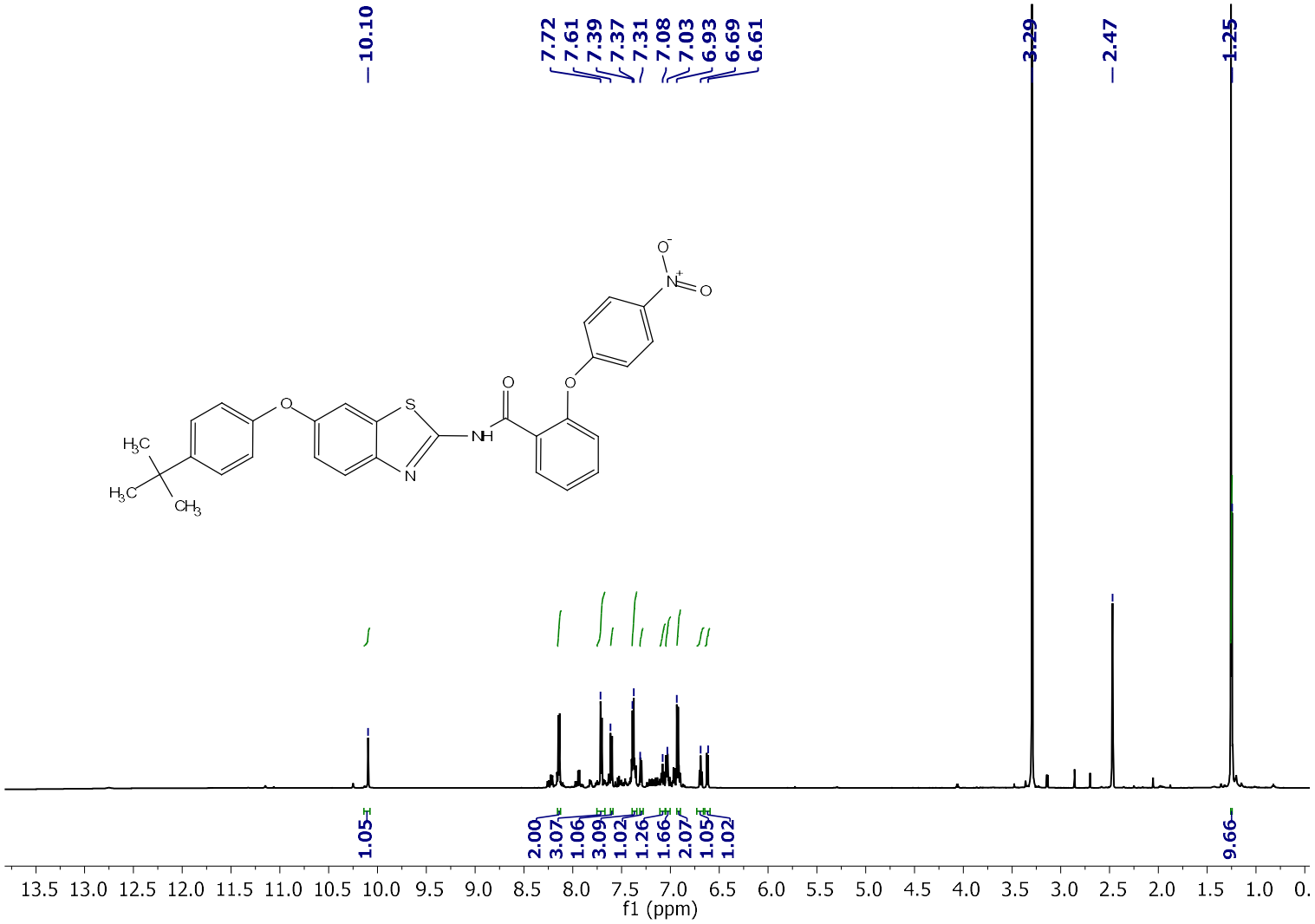


Figure S17: [1]H-NMR Spectrum of Compound **10a** (DMSO- d_6, 500 MHz)

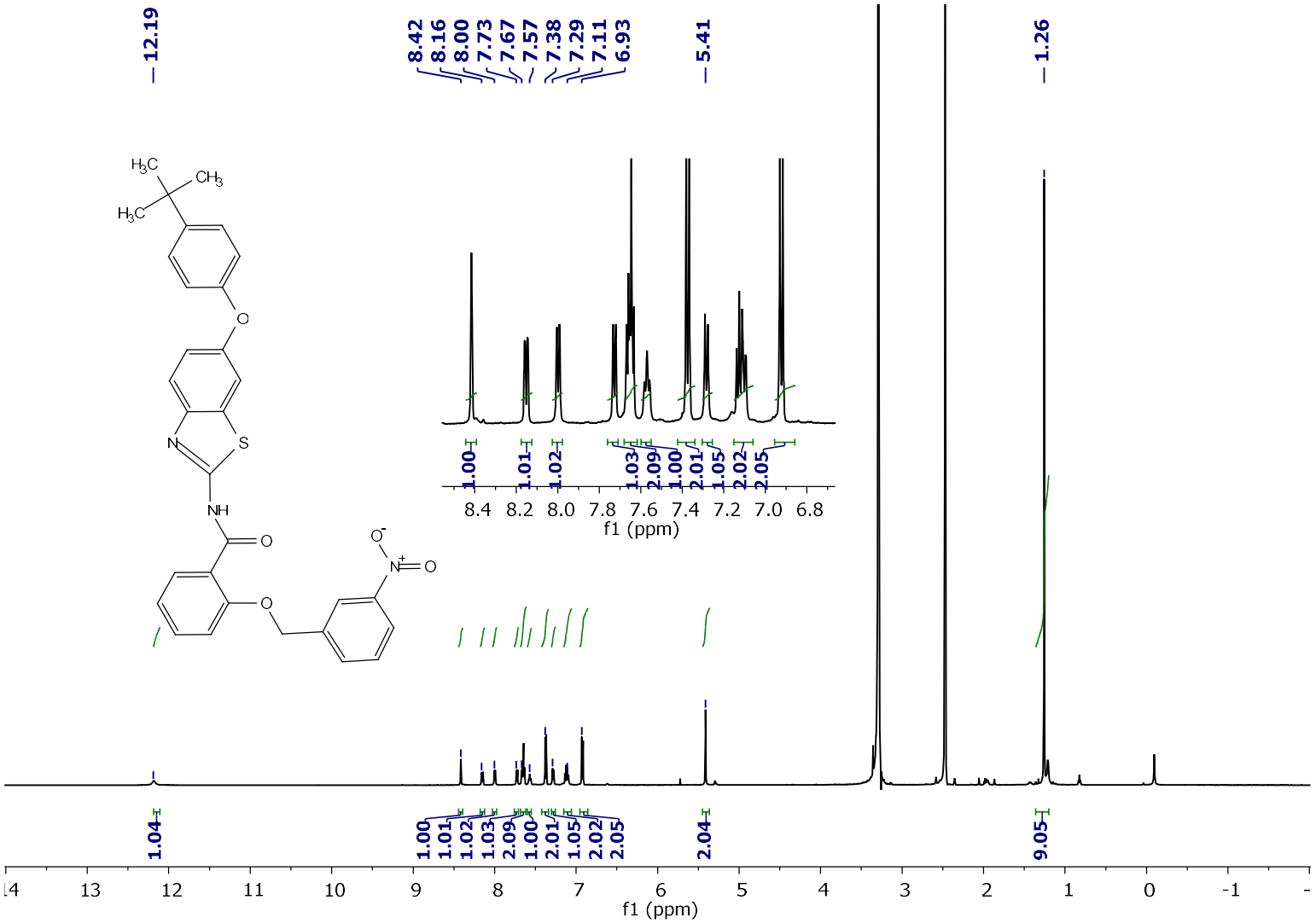


Figure S18: ^{1}H-NMR Spectrum of Compound **10b** (DMSO- d_6, 500 MHz)

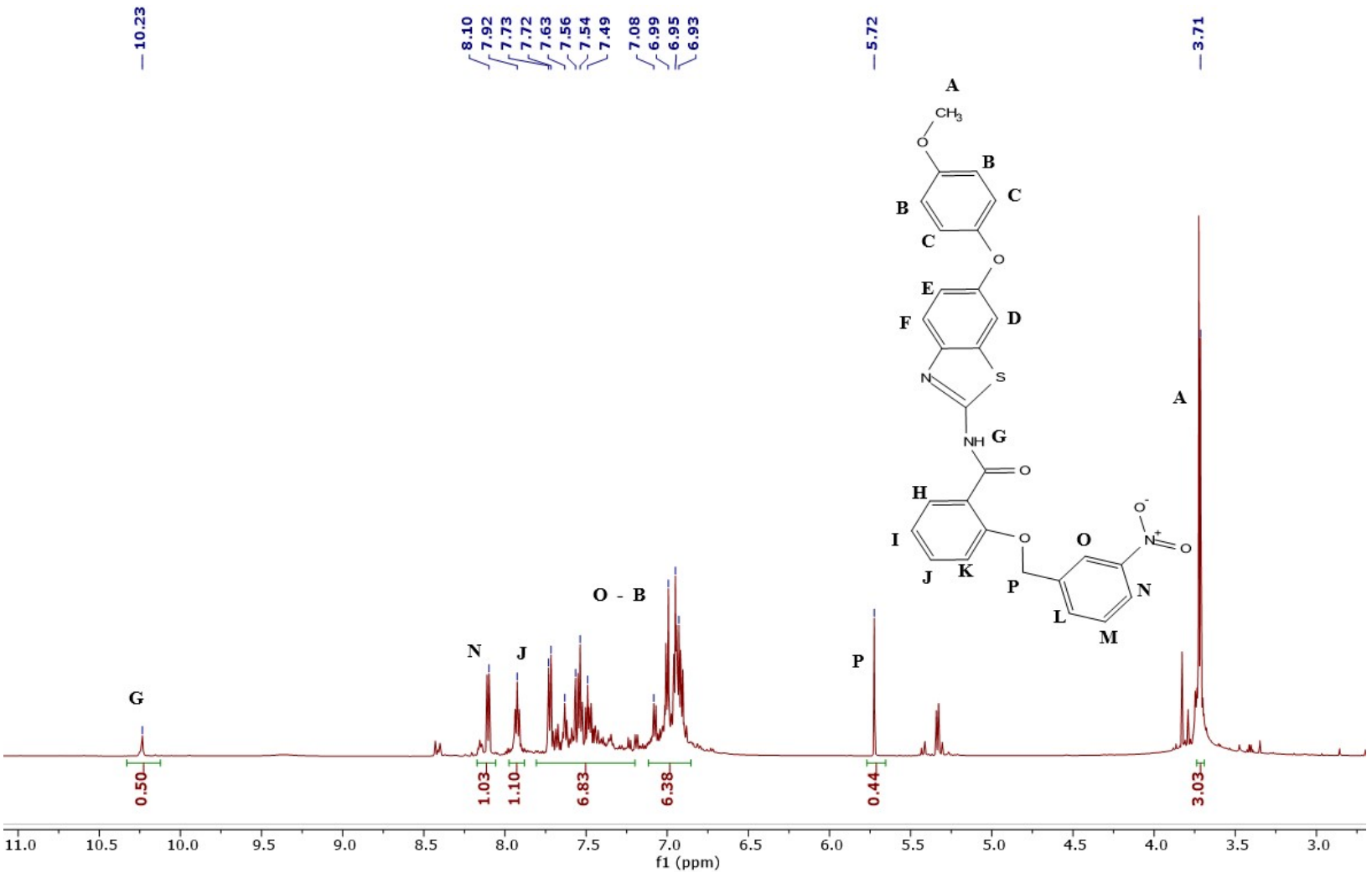


Figure S19: [1]H-NMR Spectrum Compound **10c** (DMSO- d_6, 500 MHz)

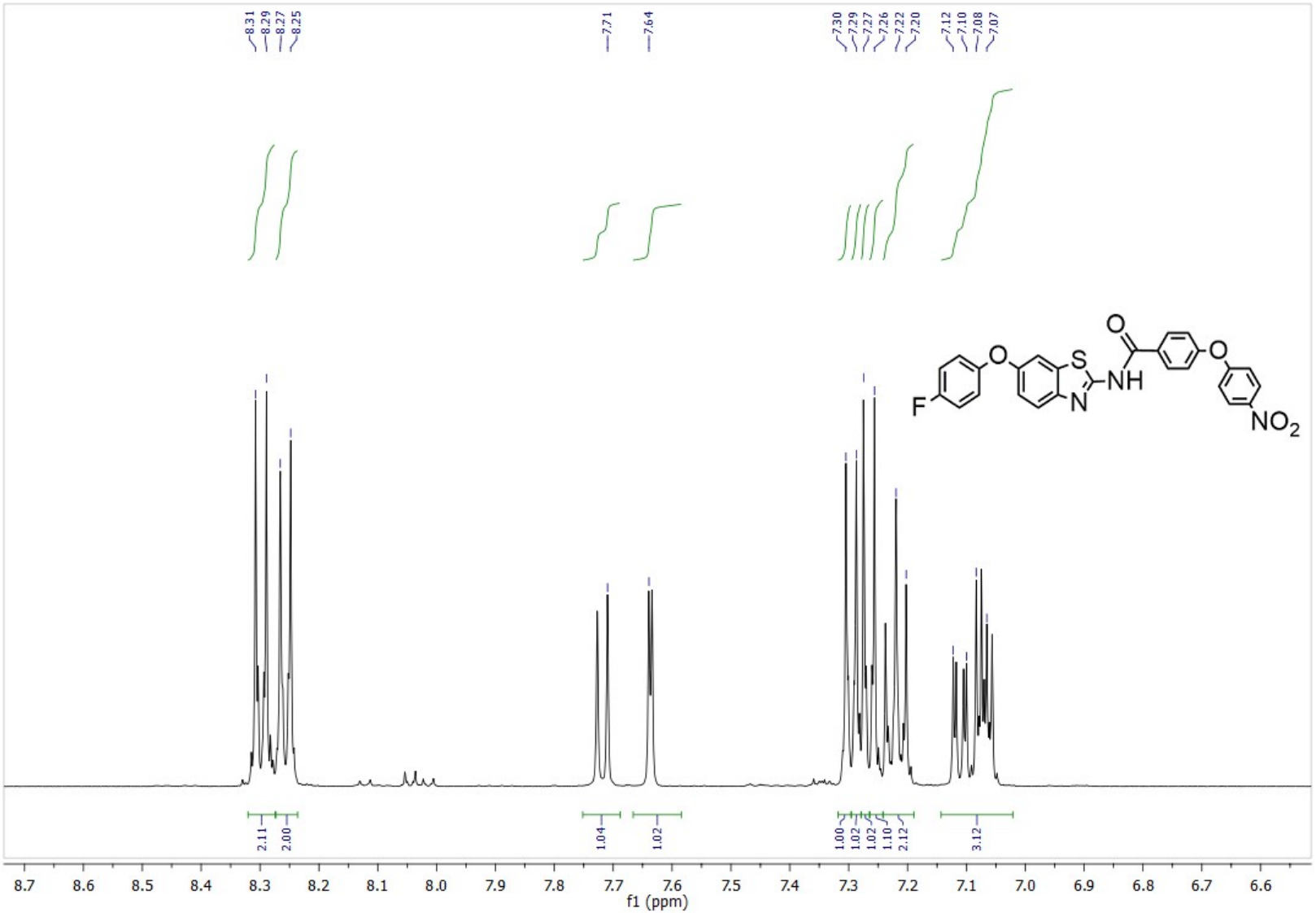


Figure S20: ^{1}H-NMR Spectrum of Compound **10d** (DMSO- d_6, 500 MHz)

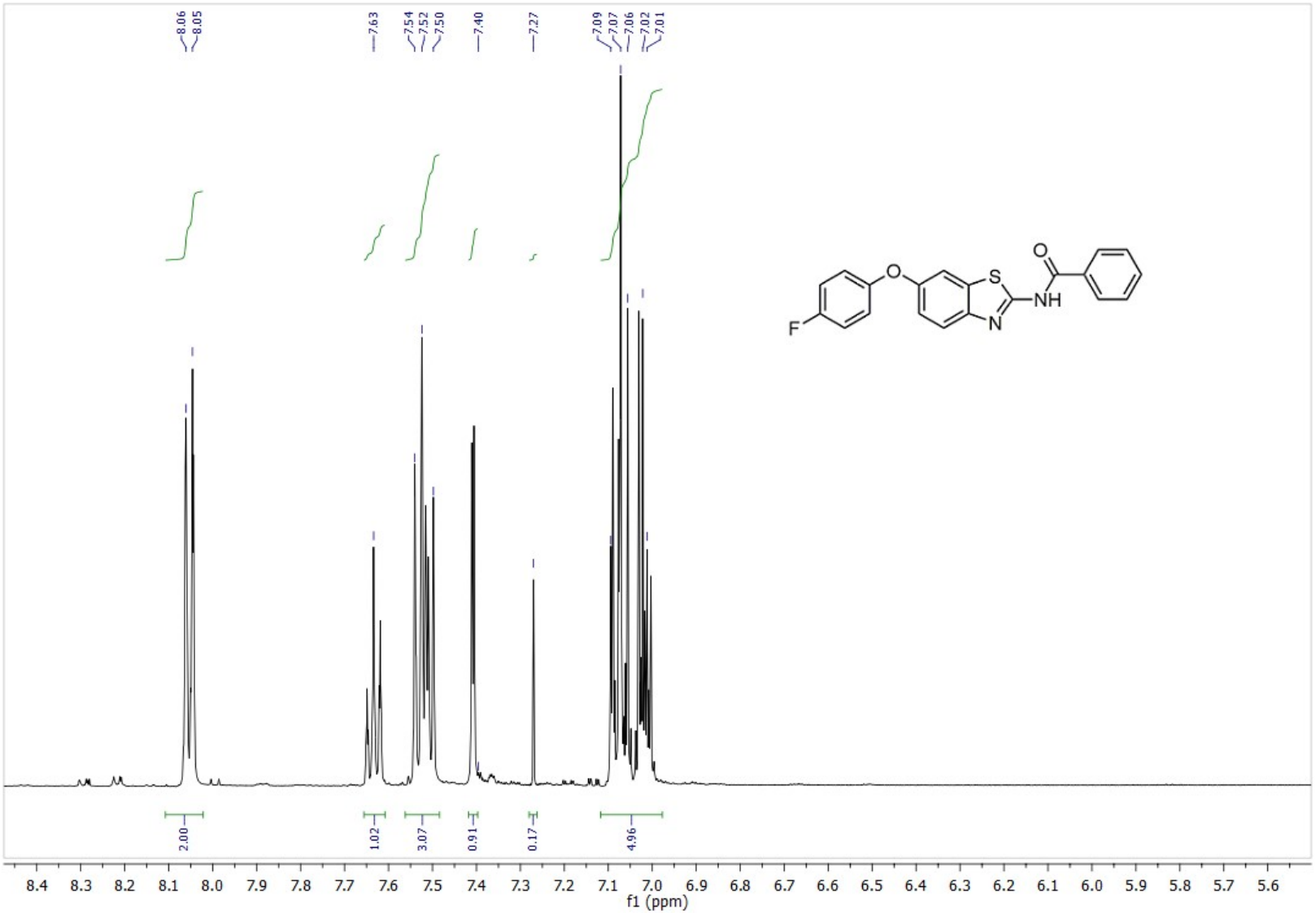


Figure S21: ^{1}H-NMR Spectrum of Compound **10e** (DMSO- d_6, 500 MHz)

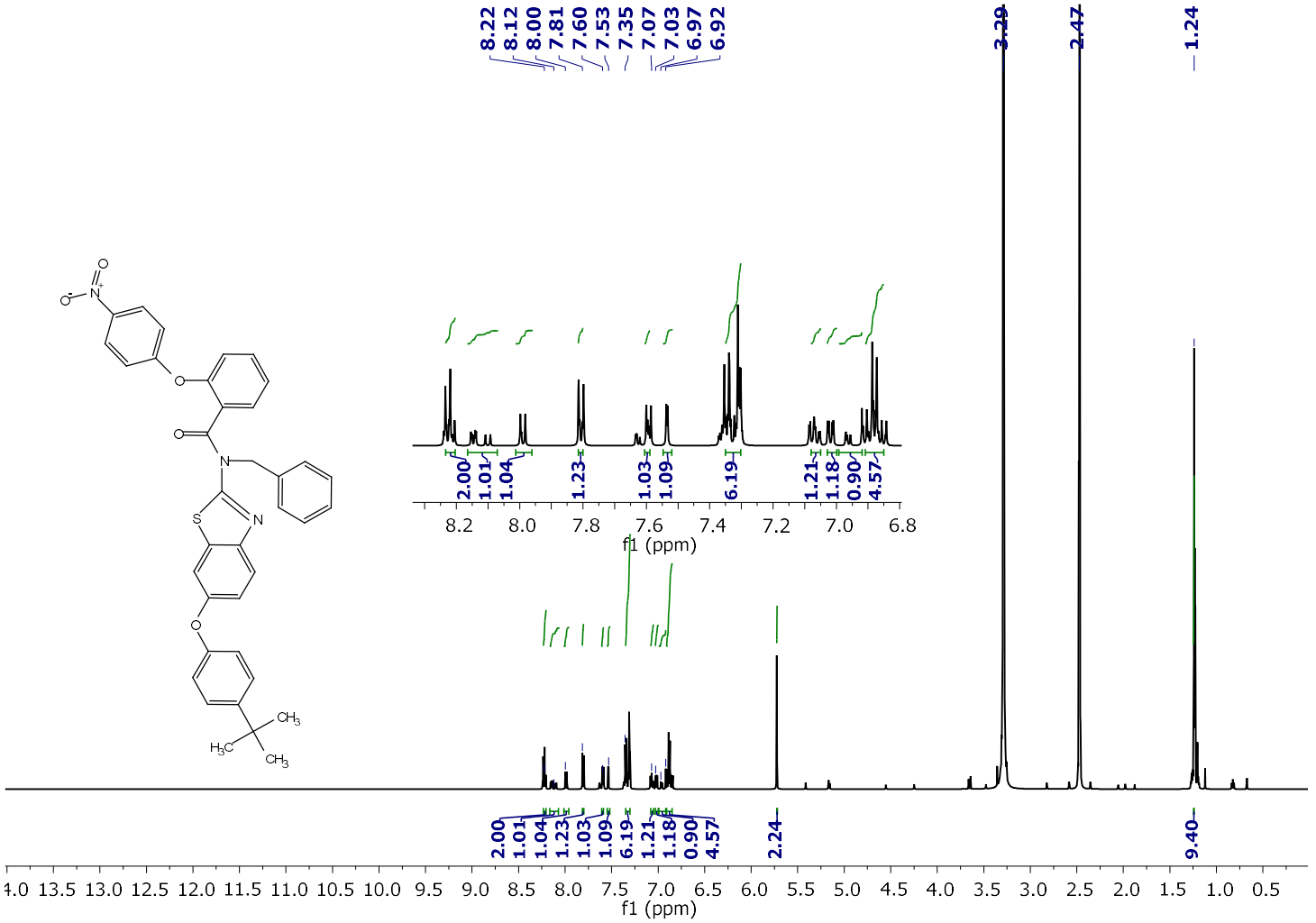


Figure S22: ^{1}H-NMR Spectrum of Compound **1a** (DMSO- d_6, 500 MHz)

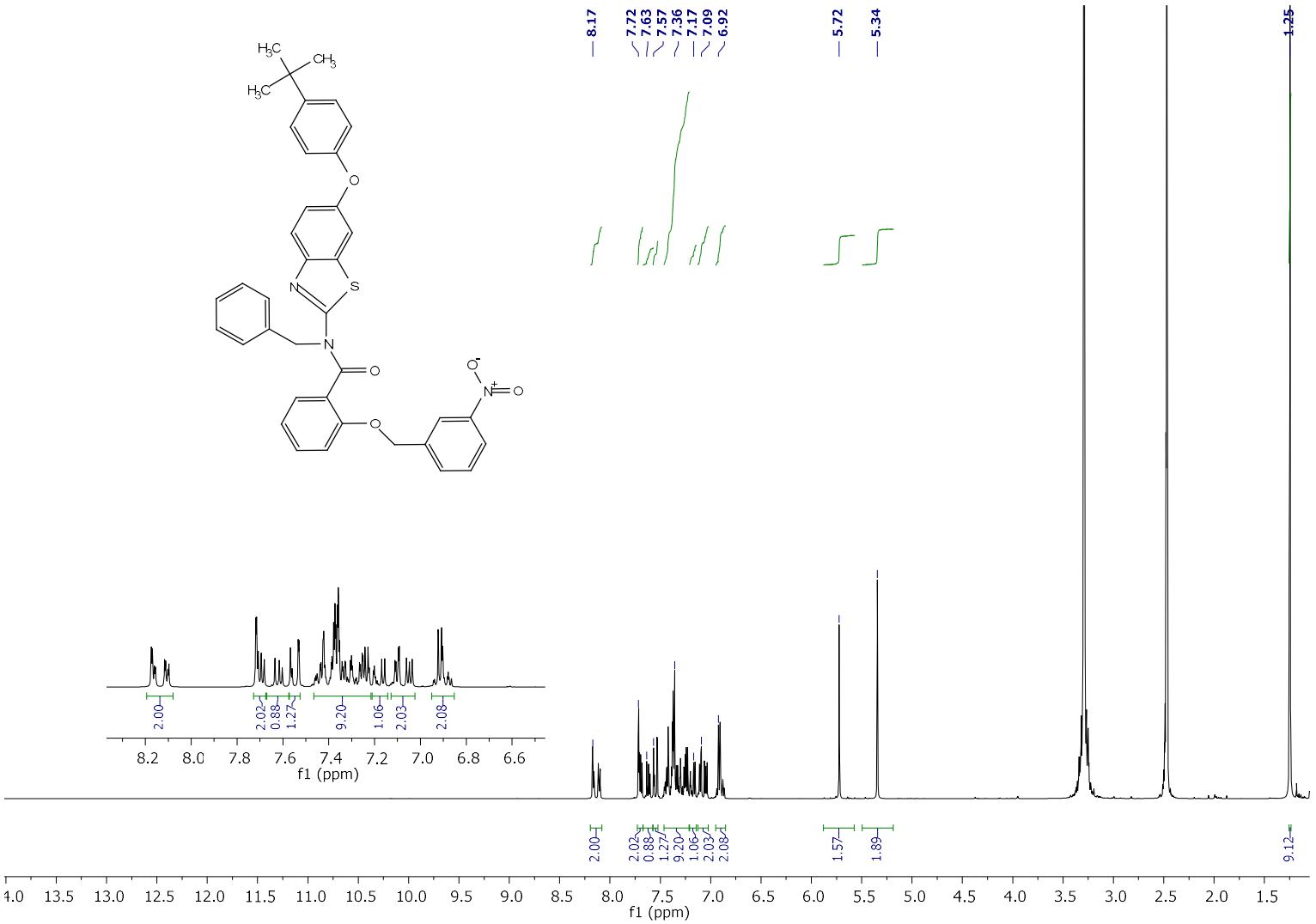


Figure S23: [1]H-NMR Spectrum of Compound **1b** (DMSO- d_6, 500 MHz)

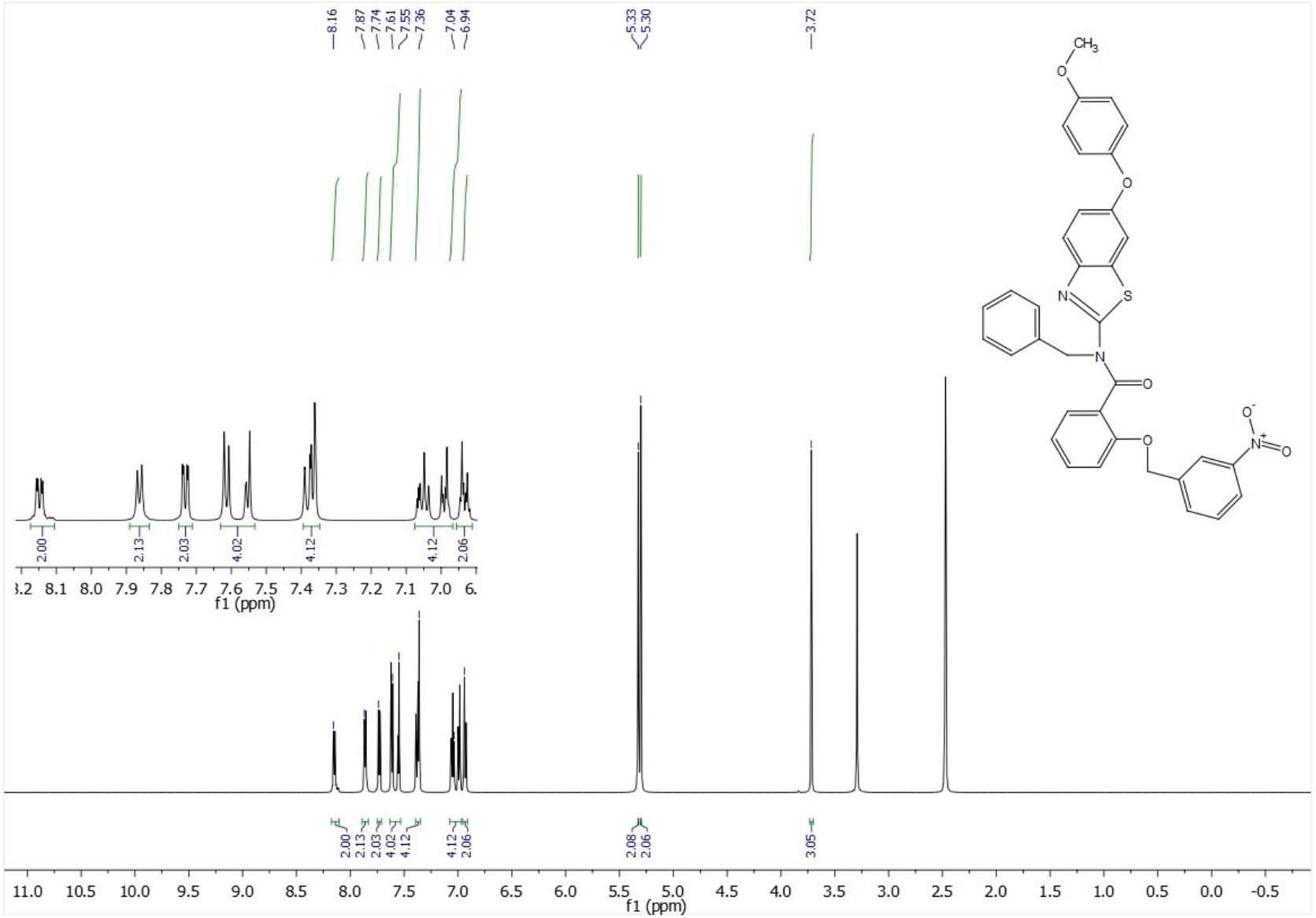


Figure S24: [1]H-NMR Spectrum of Compound **1c** (DMSO- d_6, 500 MHz)

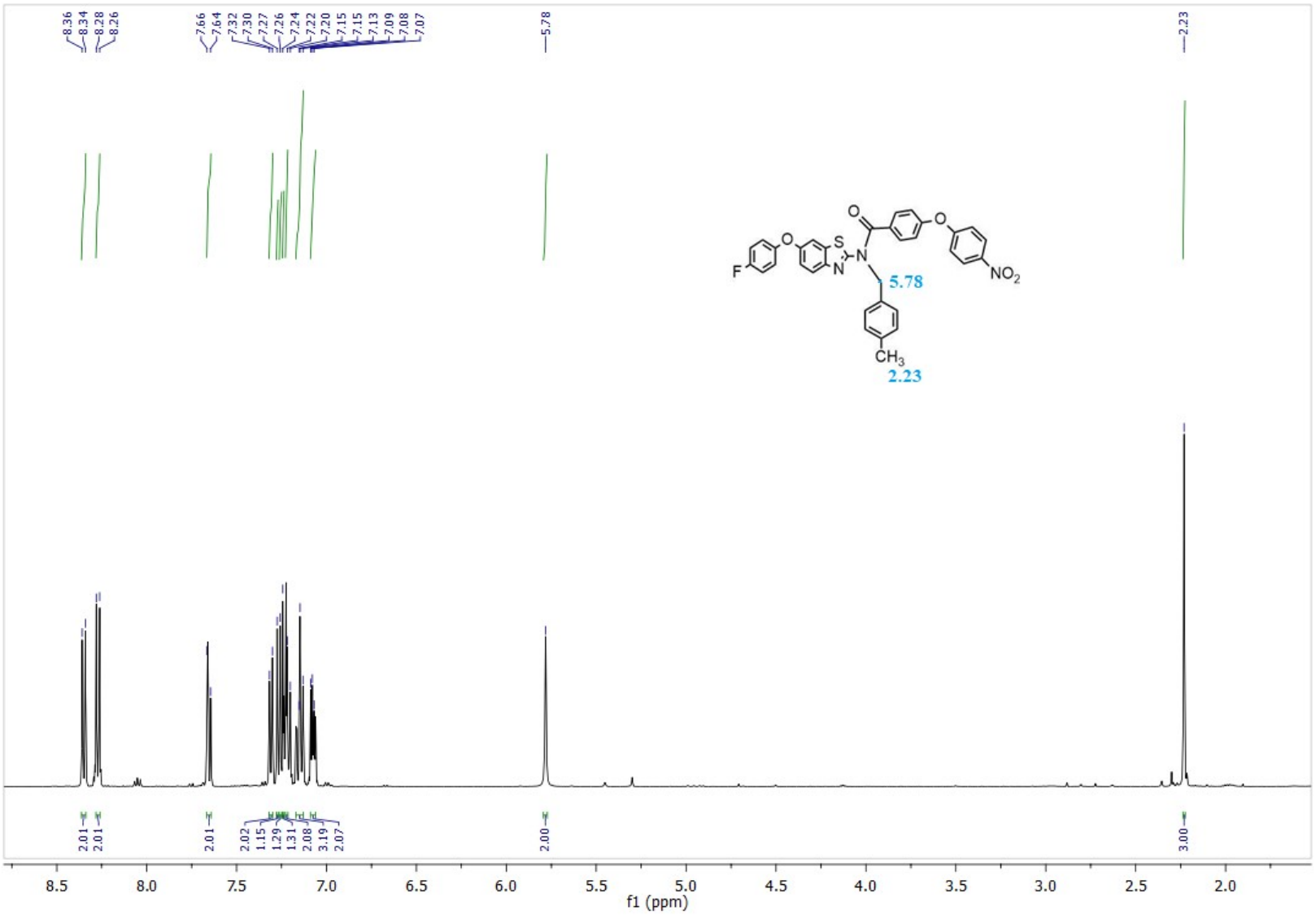


Figure S25: ^{1}H-NMR Spectrum of Compound **1d** (DMSO- d_6, 500 MHz)

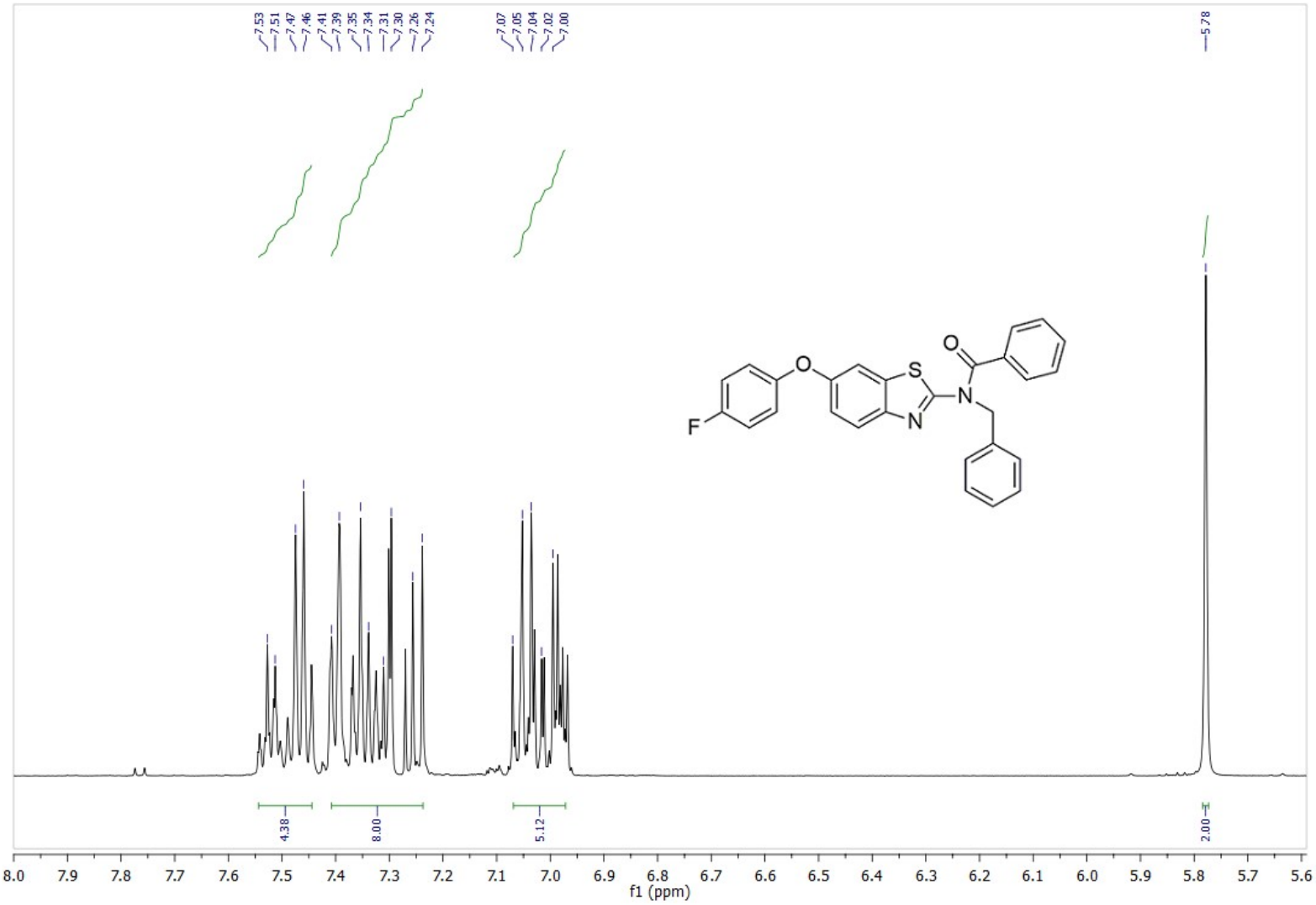


Figure S26: ^{1}H-NMR Spectrum of Compound **1e** (DMSO- d_6, 500 MHz)

