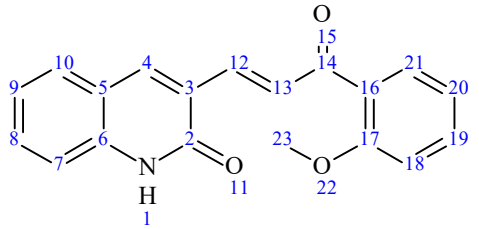
NMR SPECTRA OF CTR-17

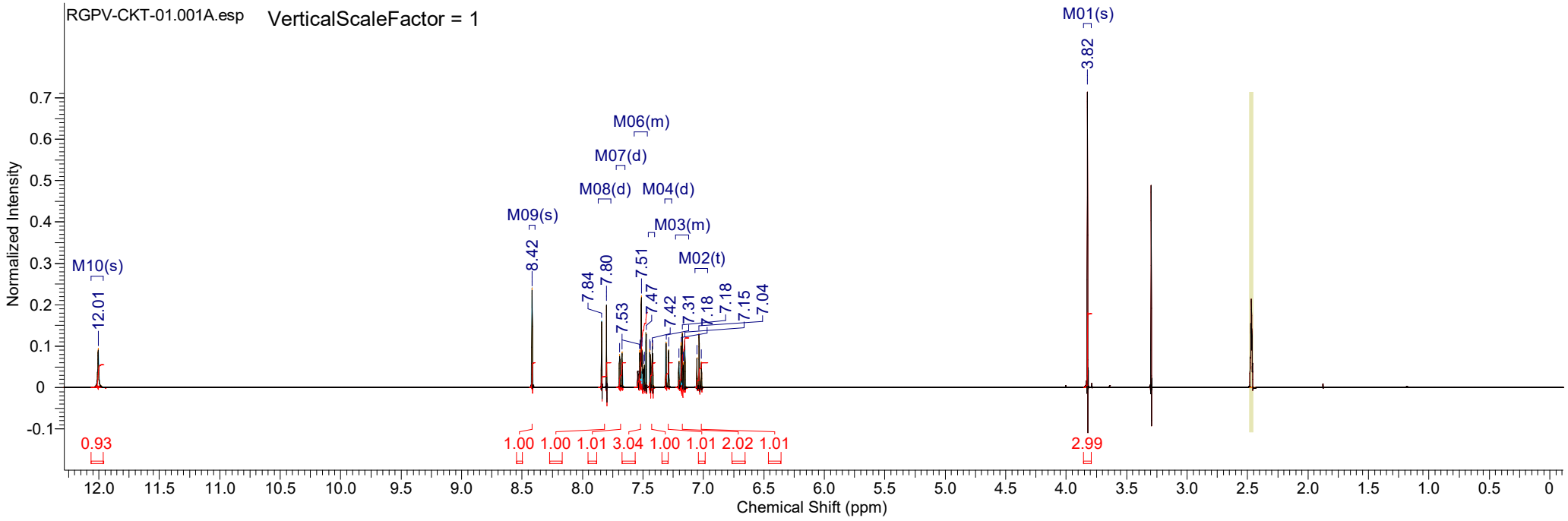
23-11-2020 23:36:14

Formula $C_{19}H_{15}NO_3$	***FW***	305.3273	

Acquisition Time (sec)	3.9977	***Comment***	PROTONRO DMSO /opt/topspin/nmrsu/EXTERNAL/APR16 nmrsu			***Date***	01 Apr 2016 15:11:04
Date Stamp	01 Apr 2016 15:11:04						
File Name	E:\DELL COMPUTER DATA\MASS DATA\NMR DATA\NEW NMR\REST OF NMR\New folder\RGPV\RGPV\RGPV-CKT-01\1\fid						
Frequency (MHz)	400.13	***Nucleus***	1H	***Number of Transients***	16	***Origin***	spect
Original Points Count	32768	***Owner***	nmrsu	***Points Count***	32768	***Pulse Sequence***	zg30
Receiver Gain	161.00	***SW(cyclical) (Hz)***	8196.72	***Solvent***	DMSO-d6	***Spectrum Offset (Hz)***	2384.6575
Spectrum Type	STANDARD	***Sweep Width (Hz)***	8196.47	***Temperature (degree C)***	25.060		

^{1}H NMR (400 MHz, DMSO-d$_6$) δ 12.01 (s, 1H), 8.42 (s, 1H), 7.82 (d, *J* = 16.01 Hz, 1H), 7.68 (d, *J* = 7.75 Hz, 1H), 7.47 - 7.57 (m, 3H), 7.43 (dd, *J* = 1.75, 7.50 Hz, 1H), 7.30 (d, *J* = 8.00 Hz, 1H), 7.12 - 7.23 (m, 2H), 7.04 (t, *J* = 7.50 Hz, 1H), 3.82 (s, 3H)





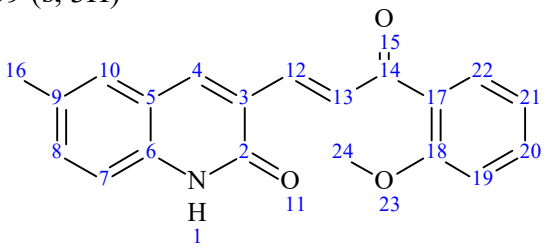
NMR SPECTRA OF CTR-18

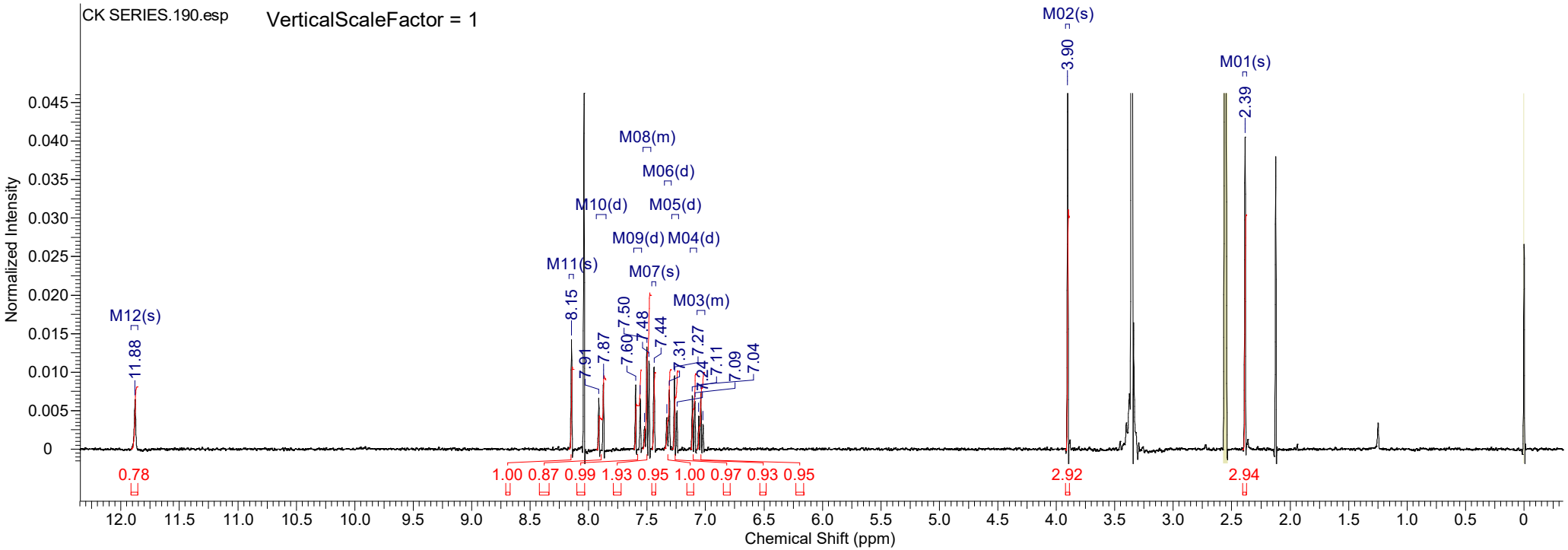
24-11-2020 00:54:48

Formula $C_{20}H_{17}NO_3$	***FW***	319.3539	

Acquisition Time (sec)	2.7263	***Comment***	CK-19	***Date***	06 Jul 2011 20:12:16				
Date Stamp	06 Jul 2011 20:12:16			***File Name***	E:\DELL COMPUTER DATA\MASS DATA\NMR DATA\CK SERIES\190\fid				
Frequency (MHz)	400.13	***Nucleus***	1H	***Number of Transients***	8	***Origin***	spect	***Original Points Count***	32768
Owner	Administrator	***Points Count***	32768	***Pulse Sequence***	zg30	***Receiver Gain***	512.00	***SW(cyclical) (Hz)***	12019.23
Solvent	DMSO-d6	***Spectrum Offset (Hz)***	2488.4370	***Spectrum Type***	STANDARD	***Sweep Width (Hz)***	12018.86	***Temperature (degree C)***	24.100

^{1}H NMR (400 MHz, DMSO-d_6) δ 11.88 (s, 1H), 8.15 (s, 1H), 7.89 (d, *J* = 15.77 Hz, 1H), 7.58 (d, *J* = 15.77 Hz, 1H), 7.47 - 7.54 (m, 2H), 7.44 (s, 1H), 7.32 (d, *J* = 8.44 Hz, 1H), 7.25 (d, *J* = 8.44 Hz, 1H), 7.10 (d, *J* = 8.44 Hz, 1H), 7.01 - 7.07 (m, 1H), 3.90 (s, 3H), 2.39 (s, 3H)



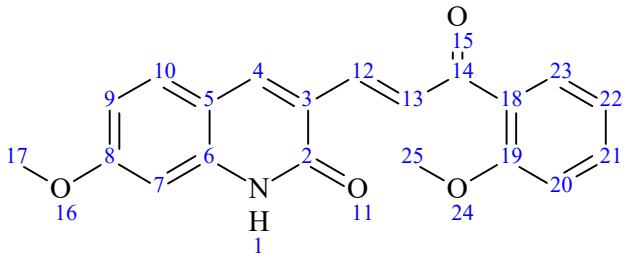


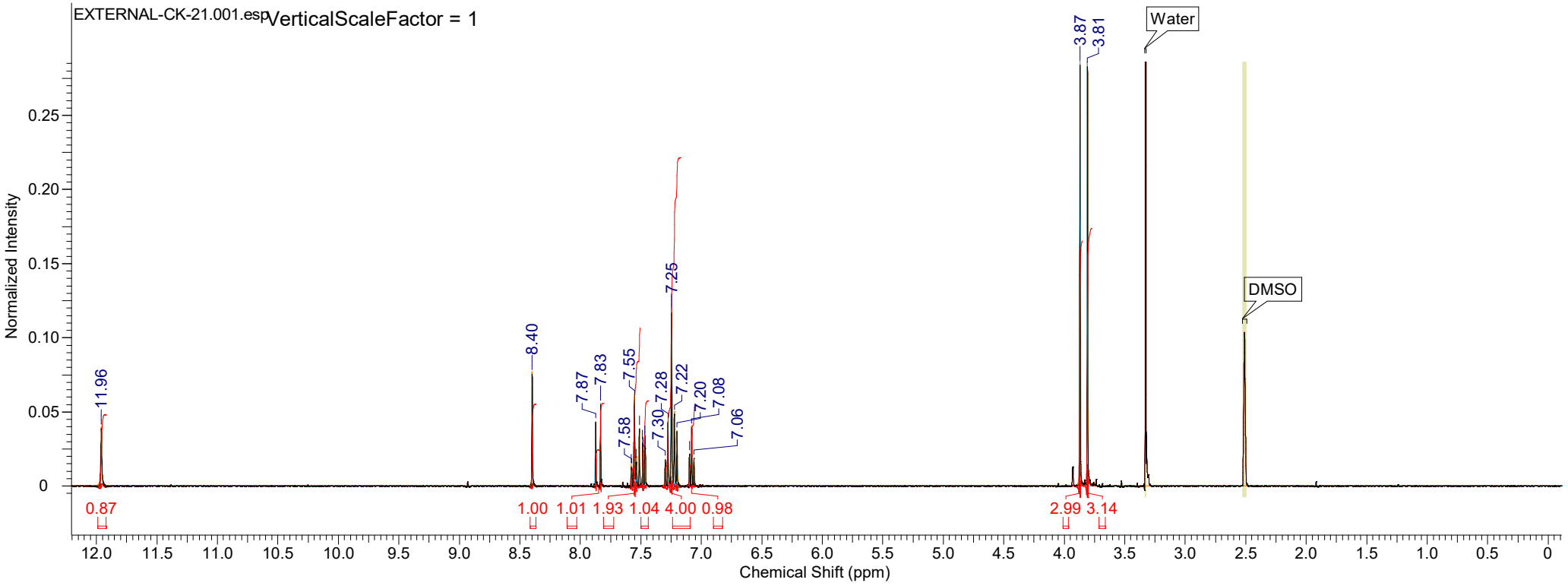
NMR SPECTRA OF CTR-19

24-11-2020 00:26:26

Formula $C_{20}H_{17}NO_4$	***FW***	335.3533	

Acquisition Time (sec)	3.9846	***Comment***	EXTERNAL-CK-21			***Date***	09 Oct 2012 14:36:56
Date Stamp	09 Oct 2012 14:36:56			***File Name***	D:\AMIT PROJECTS\IND-2 GRANT\NMR DATA\CK SERIES\CK-21\EXTERNAL-CK-21\1\fid		
Frequency (MHz)	400.13	***Nucleus***	1H	***Number of Transients***	16	***Origin***	spect
Original Points Count	32768	***Owner***	nmrsu	***Points Count***	32768	***Pulse Sequence***	zg30
Receiver Gain	203.00	***SW(cyclical) (Hz)***	8223.68	***Solvent***	DMSO-d6	***Spectrum Offset (Hz)***	2470.9683
Spectrum Type	STANDARD	***Sweep Width (Hz)***	8223.43	***Temperature (degree C)***	25.160		





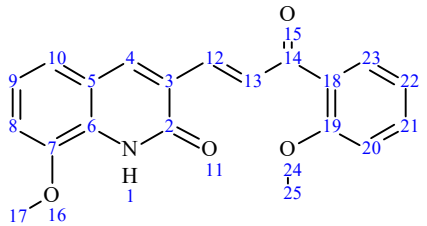
NMR SPECTRA OF CTR-21

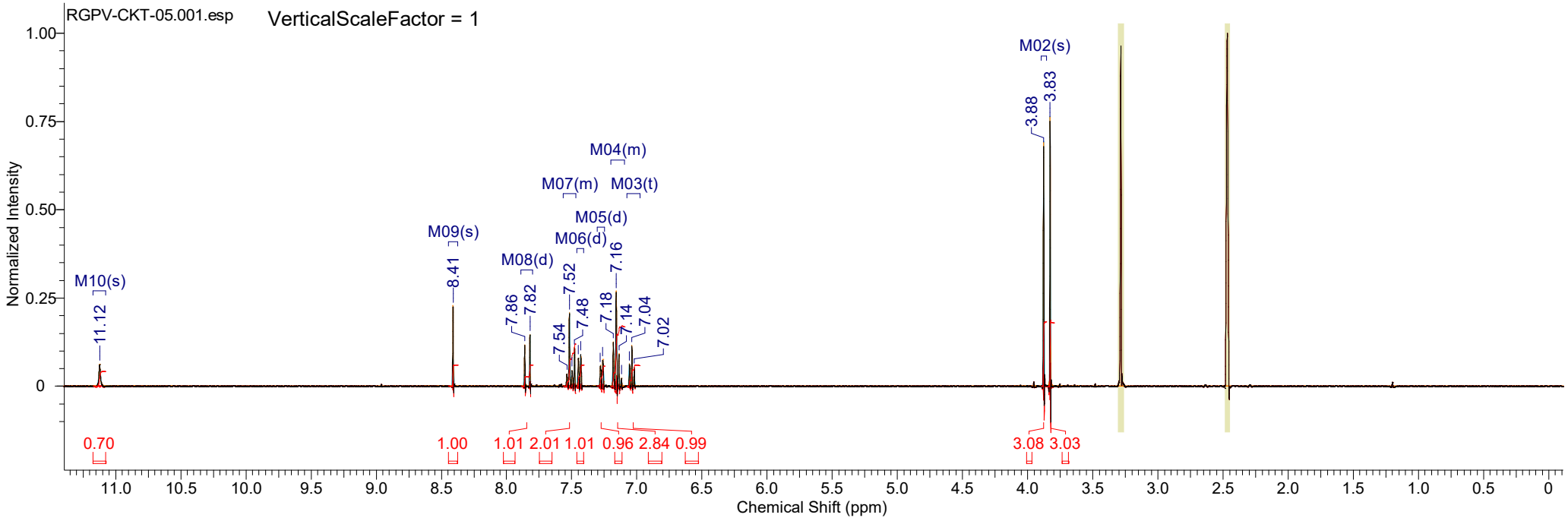
23-11-2020 17:39:51

Formula $C_{20}H_{17}NO_4$	***FW***	335.3533	

Acquisition Time (sec)	3.9977	***Comment***	PROTONRO DMSO /opt/topspin/nmrsu/EXTERNAL/APR16 nmrsu			***Date***	01 Apr 2016 14:58:16
Date Stamp	01 Apr 2016 14:58:16						
File Name	E:\DELL COMPUTER DATA\MASS DATA\NMR DATA\NEW NMR\REST OF NMR\New folder\RGPV (1)\RGPV\RGPV-CKT-05\1\fid						
Frequency (MHz)	400.13	***Nucleus***	1H	***Number of Transients***	16	***Origin***	spect
Original Points Count	32768	***Owner***	nmrsu	***Points Count***	32768	***Pulse Sequence***	zg30
Receiver Gain	203.00	***SW(cyclical) (Hz)***	8196.72	***Solvent***	DMSO-d6	***Spectrum Offset (Hz)***	2384.6575
Spectrum Type	STANDARD	***Sweep Width (Hz)***	8196.47	***Temperature (degree C)***	25.260		

^{1}H NMR (400 MHz, DMSO-d$_6$) δ 11.12 (s, 1H), 8.41 (s, 1H), 7.84 (d, *J* = 16.01 Hz, 1H), 7.47 - 7.57 (m, 2H), 7.44 (d, *J* = 7.50 Hz, 1H), 7.27 (d, *J* = 7.25 Hz, 1H), 7.09 - 7.20 (m, 3H), 7.04 (t, *J* = 7.50 Hz, 1H), 3.88 (s, 3H), 3.83 (s, 3H)



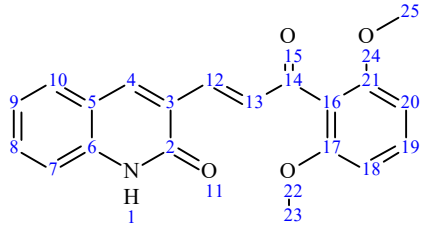


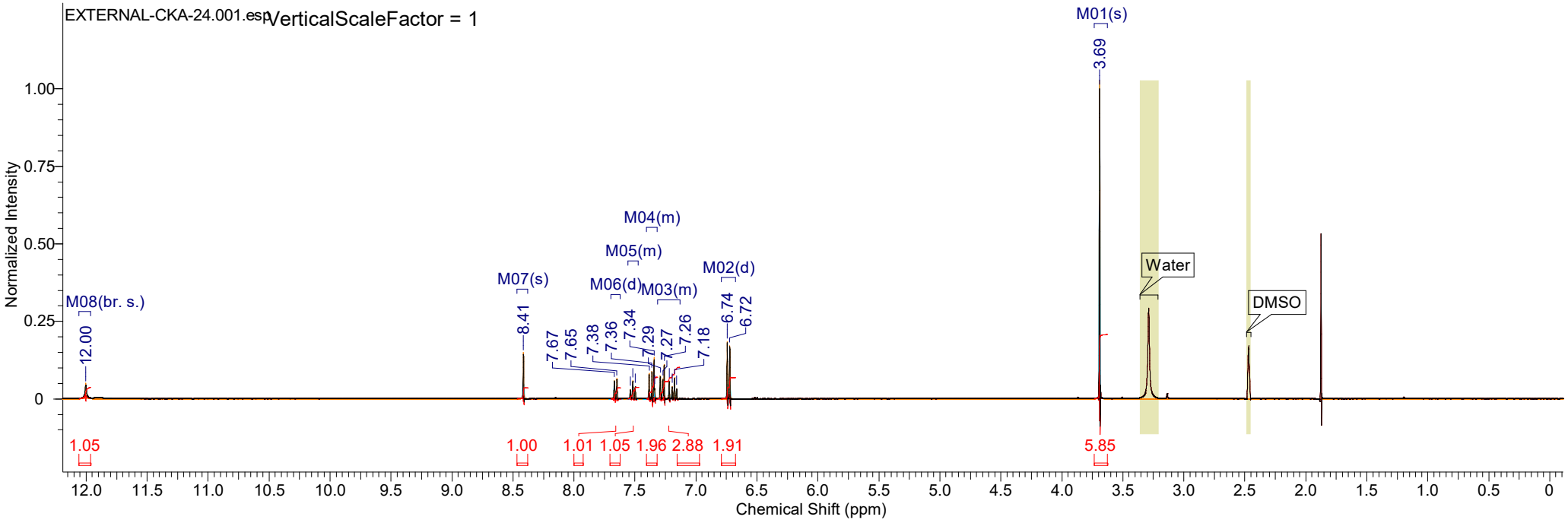
NMR SPECTRA OF CTR-25

23-11-2020 21:10:10

Formula $C_{20}H_{17}NO_4$	***FW***	335.3533					
Acquisition Time (sec)	3.9977	***Comment***	PROTONRO DMSO /opt/topspin/nmrsu/EXTERNAL/DEC13 nmrsu			***Date***	21 Dec 2013 15:40:56
Date Stamp	21 Dec 2013 15:40:56						
File Name	E:\DELL COMPUTER DATA\MASS DATA\NMR DATA\NEW NMR\EXTERNAL ABL NEW\CKA-24\EXTERNAL-CKA-24\1\fid						
Frequency (MHz)	400.13	***Nucleus***	1H	***Number of Transients***	16	***Origin***	spect
Original Points Count	32768	***Owner***	nmrsu	***Points Count***	32768	***Pulse Sequence***	zg30
Receiver Gain	203.00	***SW(cyclical) (Hz)***	8196.72	***Solvent***	DMSO-d6	***Spectrum Offset (Hz)***	2384.6575
Spectrum Type	STANDARD	***Sweep Width (Hz)***	8196.47	***Temperature (degree C)***	26.860		

^{1}H NMR (400 MHz, DMSO-d$_6$) δ 12.00 (br. s., 1H), 8.41 (s, 1H), 7.66 (d, *J* = 8.00 Hz, 1H), 7.47 - 7.56 (m, 1H), 7.32 - 7.41 (m, 2H), 7.13 - 7.31 (m, 3H), 6.73 (d, *J* = 8.50 Hz, 2H), 3.69 (s, 6H)





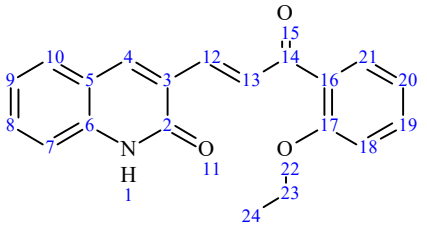
NMR SPECTRA OF CTR-32

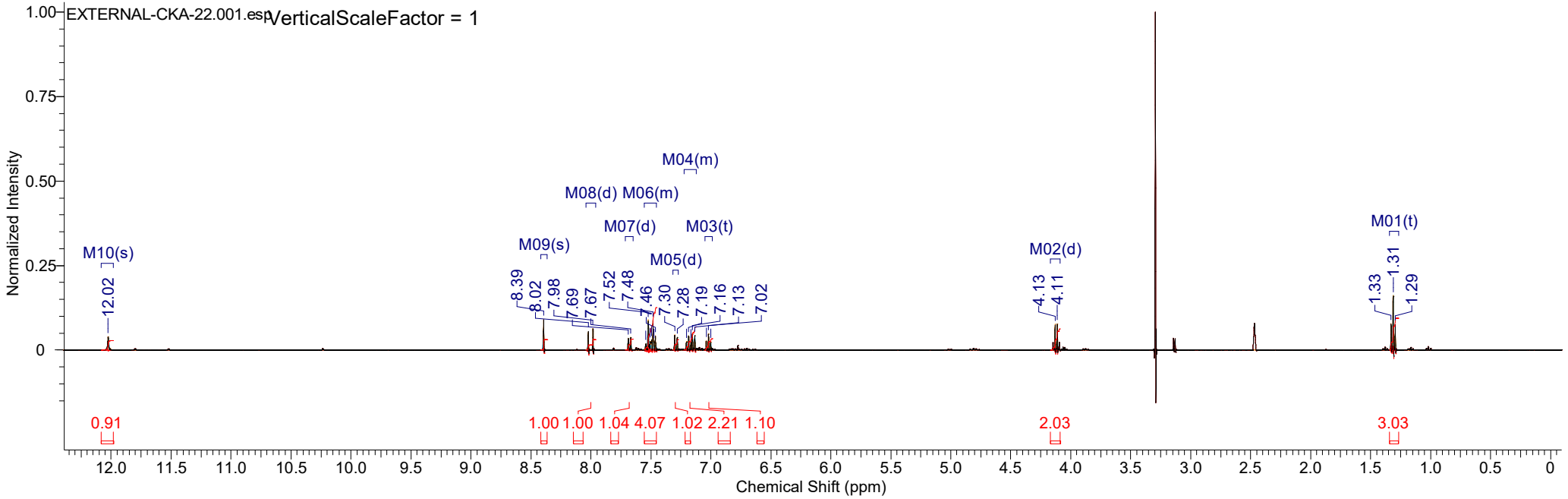
23-11-2020 20:33:26

Formula $C_{20}H_{17}NO_3$	***FW***	319.3539	

Acquisition Time (sec)	3.9977	***Comment***	PROTONRO DMSO /opt/topspin/nmrsu/EXTERNAL/DEC13 nmrsu			***Date***	21 Dec 2013 15:47:20
Date Stamp	21 Dec 2013 15:47:20						
File Name	E:\DELL COMPUTER DATA\MASS DATA\NMR DATA\NEW NMR\EXTERNAL ABL NEW\CKA-22\EXTERNAL-CKA-22\1\fid						
Frequency (MHz)	400.13	***Nucleus***	1H	***Number of Transients***	16	***Origin***	spect
Original Points Count	32768	***Owner***	nmrsu	***Points Count***	32768	***Pulse Sequence***	zg30
Receiver Gain	161.00	***SW(cyclical) (Hz)***	8196.72	***Solvent***	DMSO-d6	***Spectrum Offset (Hz)***	2384.6575
Spectrum Type	STANDARD	***Sweep Width (Hz)***	8196.47	***Temperature (degree C)***	26.260		

^{1}H NMR (400 MHz, DMSO-d$_6$) δ 12.02 (s, 1H), 8.39 (s, 1H), 8.00 (d, *J* = 15.76 Hz, 1H), 7.68 (d, *J* = 8.00 Hz, 1H), 7.45 - 7.55 (m, 4H), 7.29 (d, *J* = 8.25 Hz, 1H), 7.12 - 7.22 (m, 2H), 7.02 (t, *J* = 7.38 Hz, 1H), 4.12 (d, *J* = 7.00 Hz, 2H), 1.31 (t, *J* = 6.88 Hz, 3H)





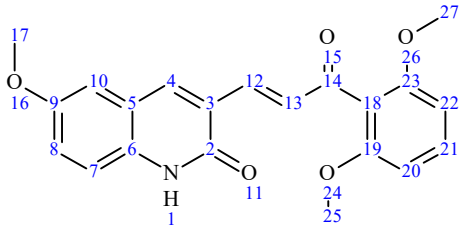
NMR SPECTRA OF CTR-33

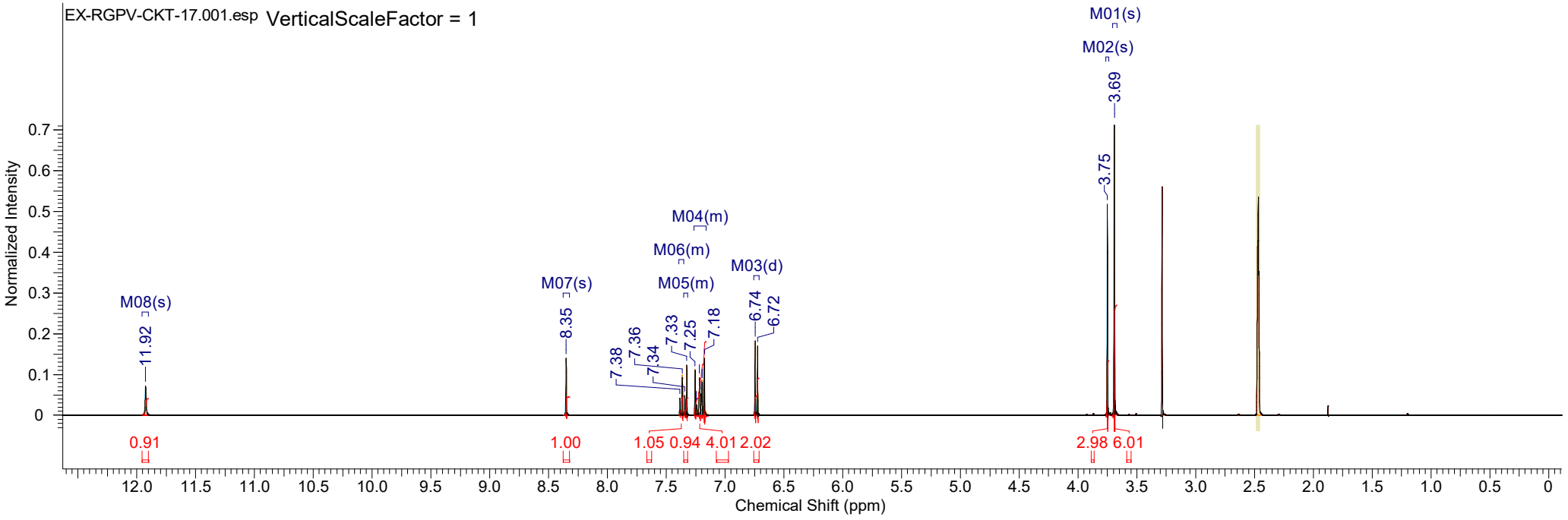
24-11-2020 01:29:10

Formula $C_{21}H_{19}NO_5$	***FW***	365.3793	

Acquisition Time (sec)	3.9977	***Comment***	PROTONRO DMSO /opt/topspin/nmrsu/EXTERNAL/MAR16 nmrsu			***Date***	14 Mar 2016 14:04:56
Date Stamp	14 Mar 2016 14:04:56						
File Name	D:\AMIT PROJECTS\IND-2 GRANT\NMR DATA\NEW NMR\NMR CKT_FEB2016\NMR fids-Spectra\NMR fids-Spectra\EX-RGPV-CKT-17\1\fid						
Frequency (MHz)	400.13	***Nucleus***	1H	***Number of Transients***	16	***Origin***	spect
Original Points Count	32768	***Owner***	nmrsu	***Points Count***	32768	***Pulse Sequence***	zg30
Receiver Gain	203.00	***SW(cyclical) (Hz)***	8196.72	***Solvent***	DMSO-d6	***Spectrum Offset (Hz)***	2384.6575
Spectrum Type	STANDARD	***Sweep Width (Hz)***	8196.47	***Temperature (degree C)***	25.060		

^{1}H NMR (400 MHz, DMSO-d$_6$) δ 11.92 (s, 1H), 8.35 (s, 1H), 7.35 - 7.39 (m, 1H), 7.32 - 7.35 (m, 1H), 7.16 - 7.27 (m, 4H), 6.73 (d, *J* = 8.50 Hz, 2H), 3.75 (s, 3H), 3.69 (s, 6H)





NMR SPECTRA OF CTR-40

23-11-2020 21:53:45

Formula $C_{21}H_{19}NO_4$	***FW***	349.3799	

Acquisition Time (sec)	3.9977	***Comment***	PROTONRO DMSO /opt/topspin/nmrsu/EXTERNAL/MAR16 nmrsu			***Date***	14 Mar 2016 14:24:08
Date Stamp	14 Mar 2016 14:24:08						
File Name	E:\DELL COMPUTER DATA\D DRIVE JAN 2016\AMIT PROJECTS\IND-2 GRANT\NMR DATA\NEW NMR\NMR CKT_FEB2016\NMR fids-Spectra\NMR fids-Spectra\EX-RGPV-CKT-24\1\fid					
Frequency (MHz)	400.13	***Nucleus***	1H	***Number of Transients***	16	***Origin***	spect
Original Points Count	32768	***Owner***	nmrsu	***Points Count***	32768	***Pulse Sequence***	zg30
Receiver Gain	203.00	***SW(cyclical) (Hz)***	8196.72	***Solvent***	DMSO-d6	***Spectrum Offset (Hz)***	2384.6575
Spectrum Type	STANDARD	***Sweep Width (Hz)***	8196.47	***Temperature (degree C)***	25.260		

^{1}H NMR (400 MHz, DMSO-d$_6$) δ 11.94 (s, 1H), 8.33 (s, 1H), 8.00 (d, *J* = 15.76 Hz, 1H), 7.45 - 7.53 (m, 3H), 7.17 - 7.26 (m, 3H), 7.15 (d, *J* = 8.25 Hz, 1H), 7.02 (t, *J* = 7.38 Hz, 1H), 4.12 (q, *J* = 7.00 Hz, 2H), 3.77 (s, 3H), 1.31 (t, *J* = 7.00 Hz, 3H)