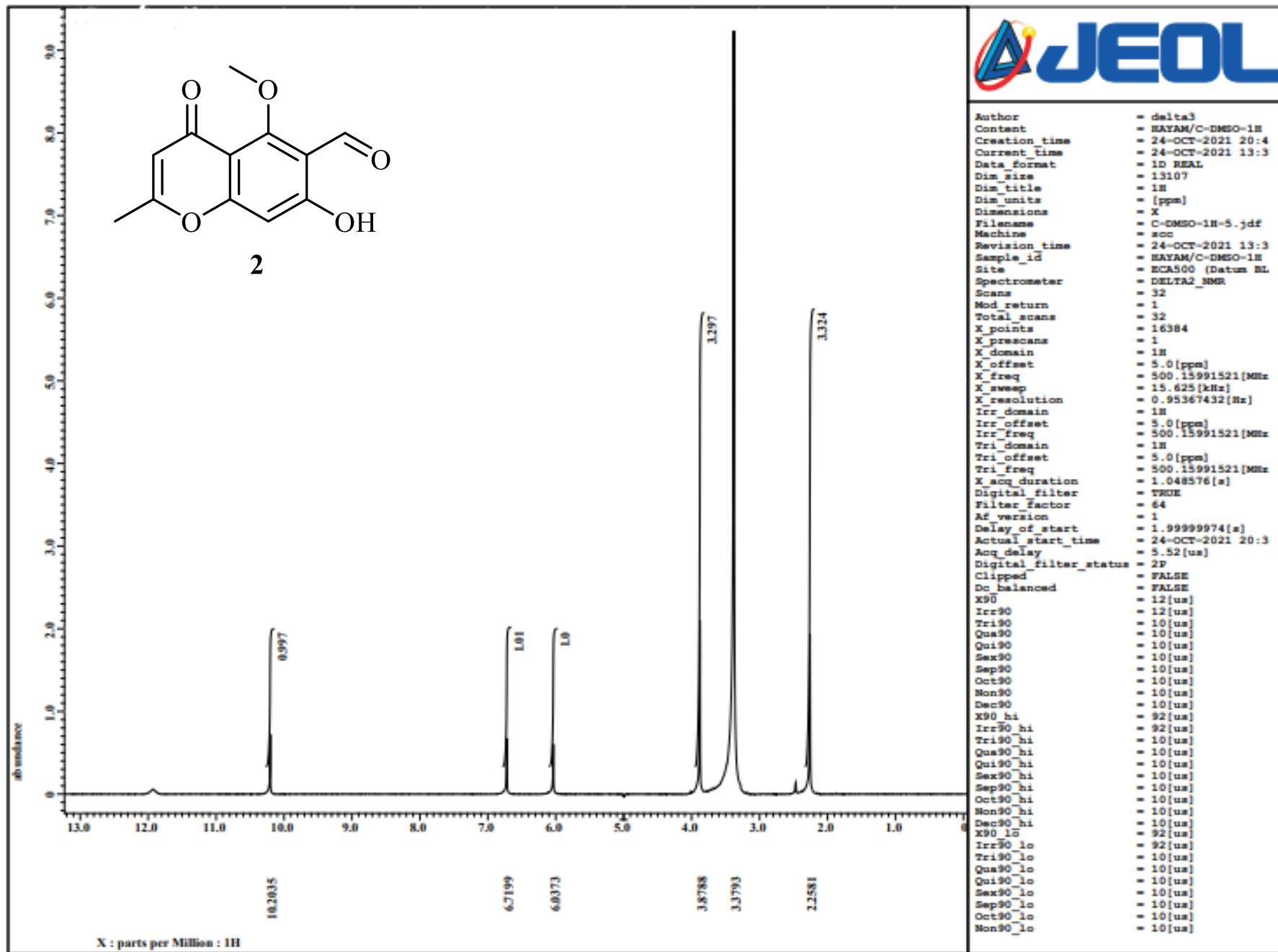
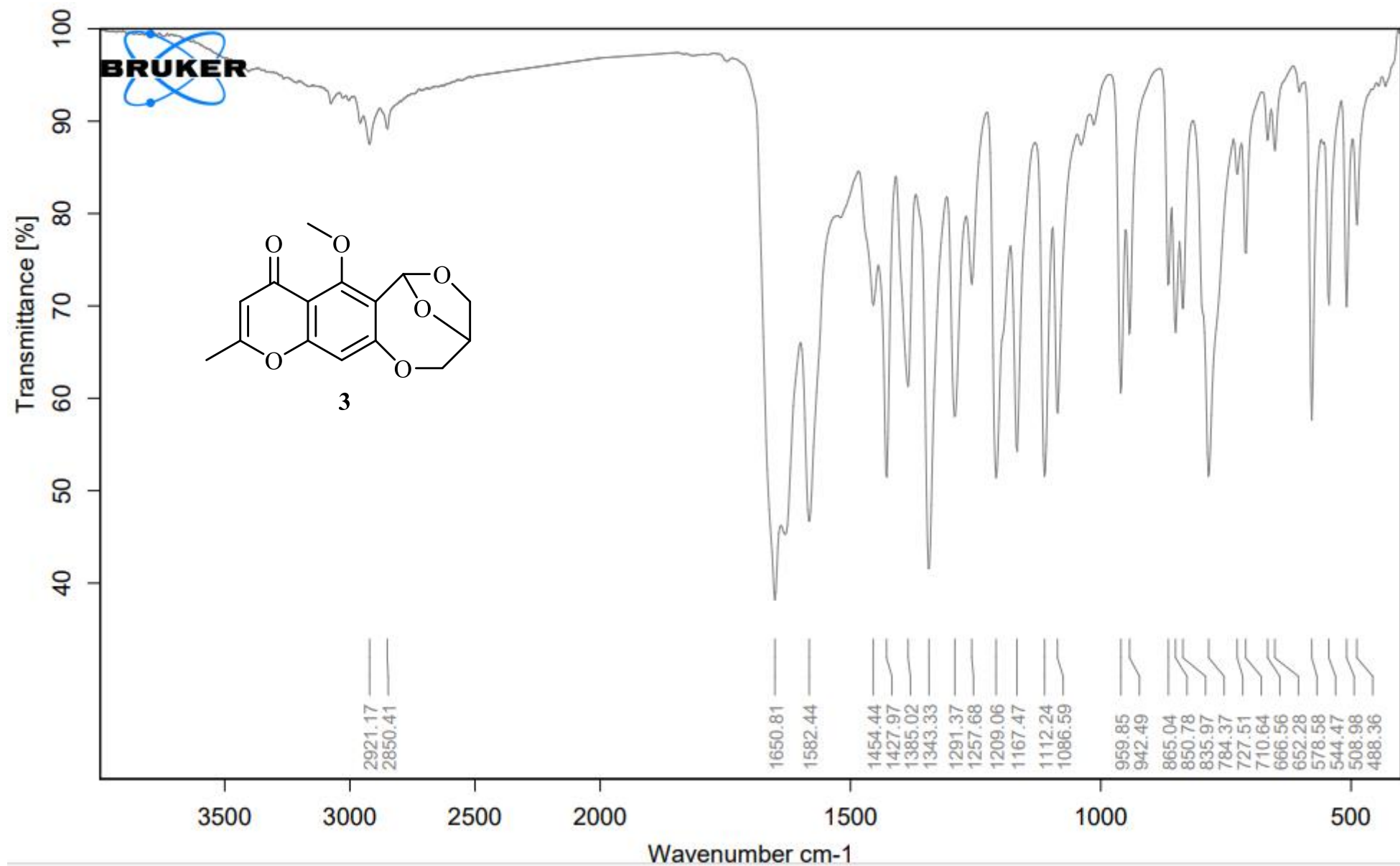
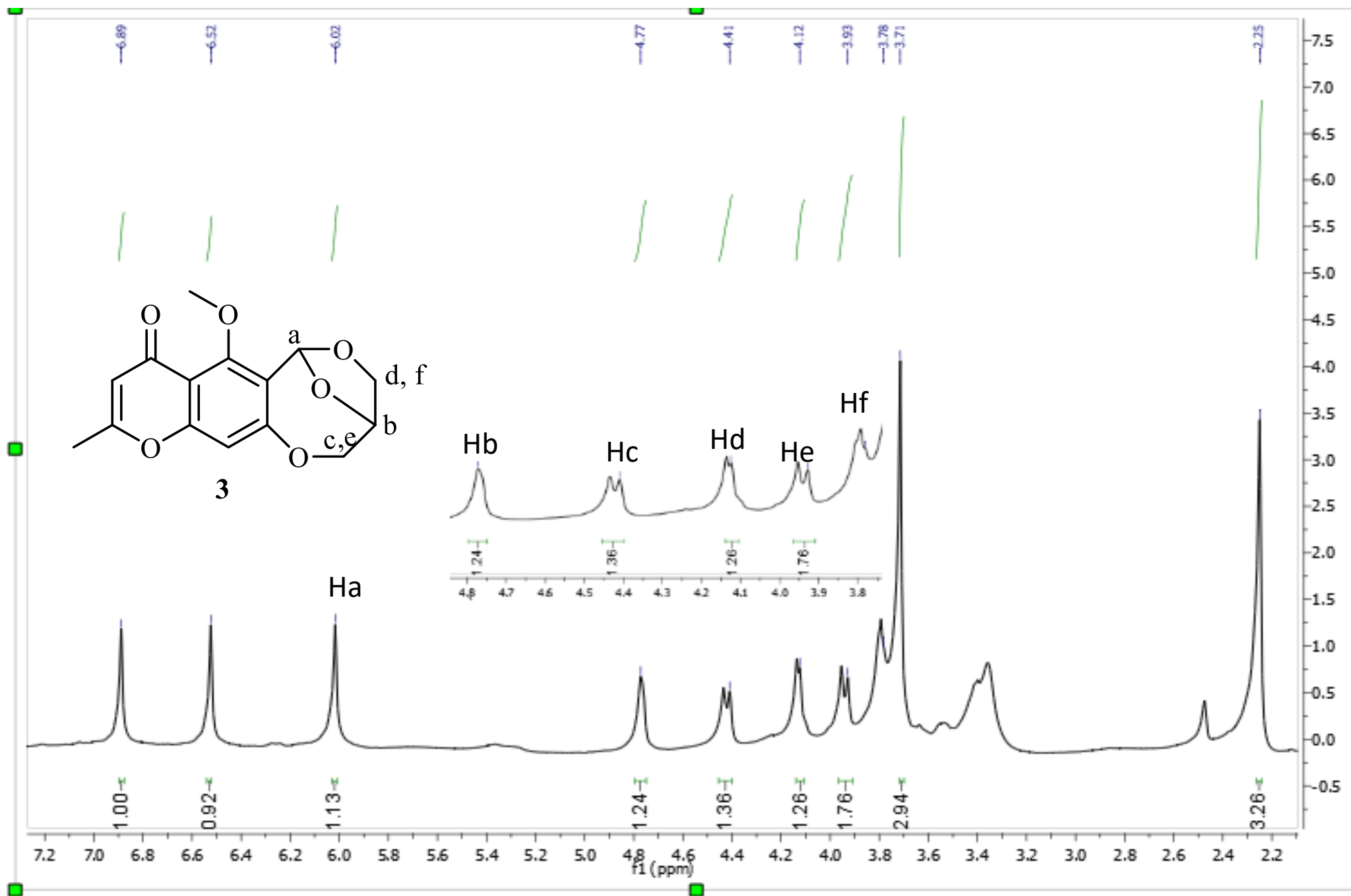
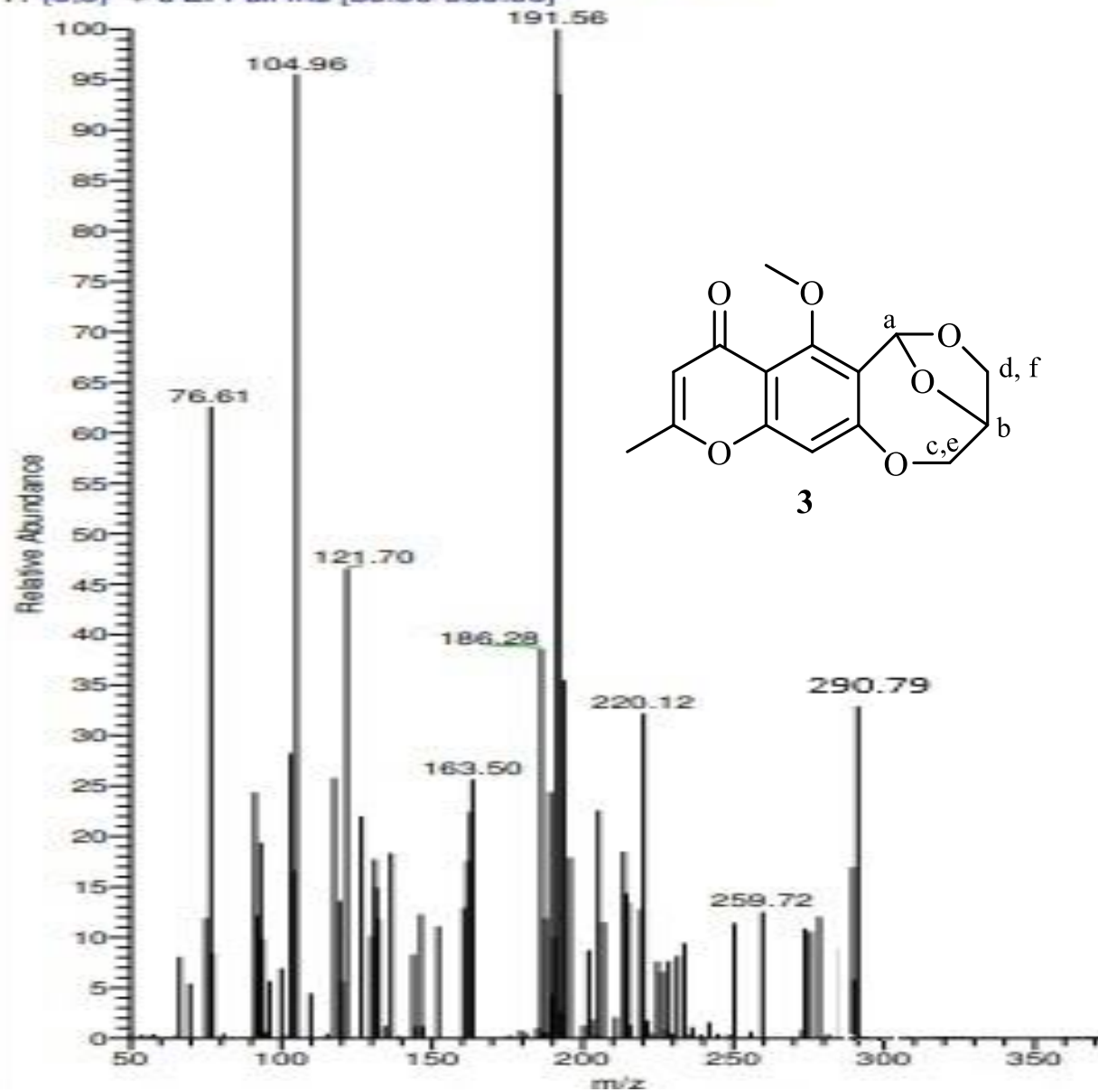


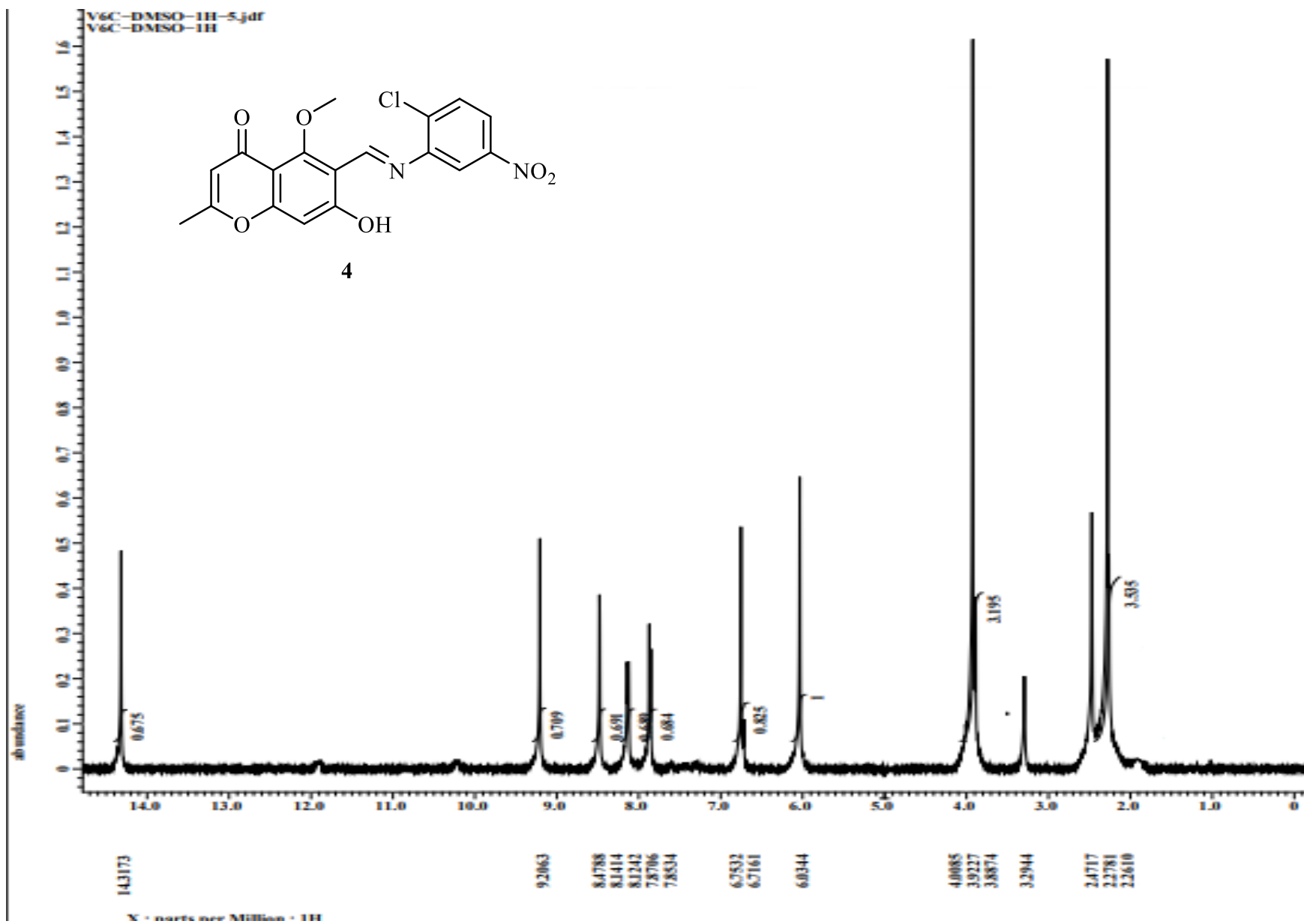


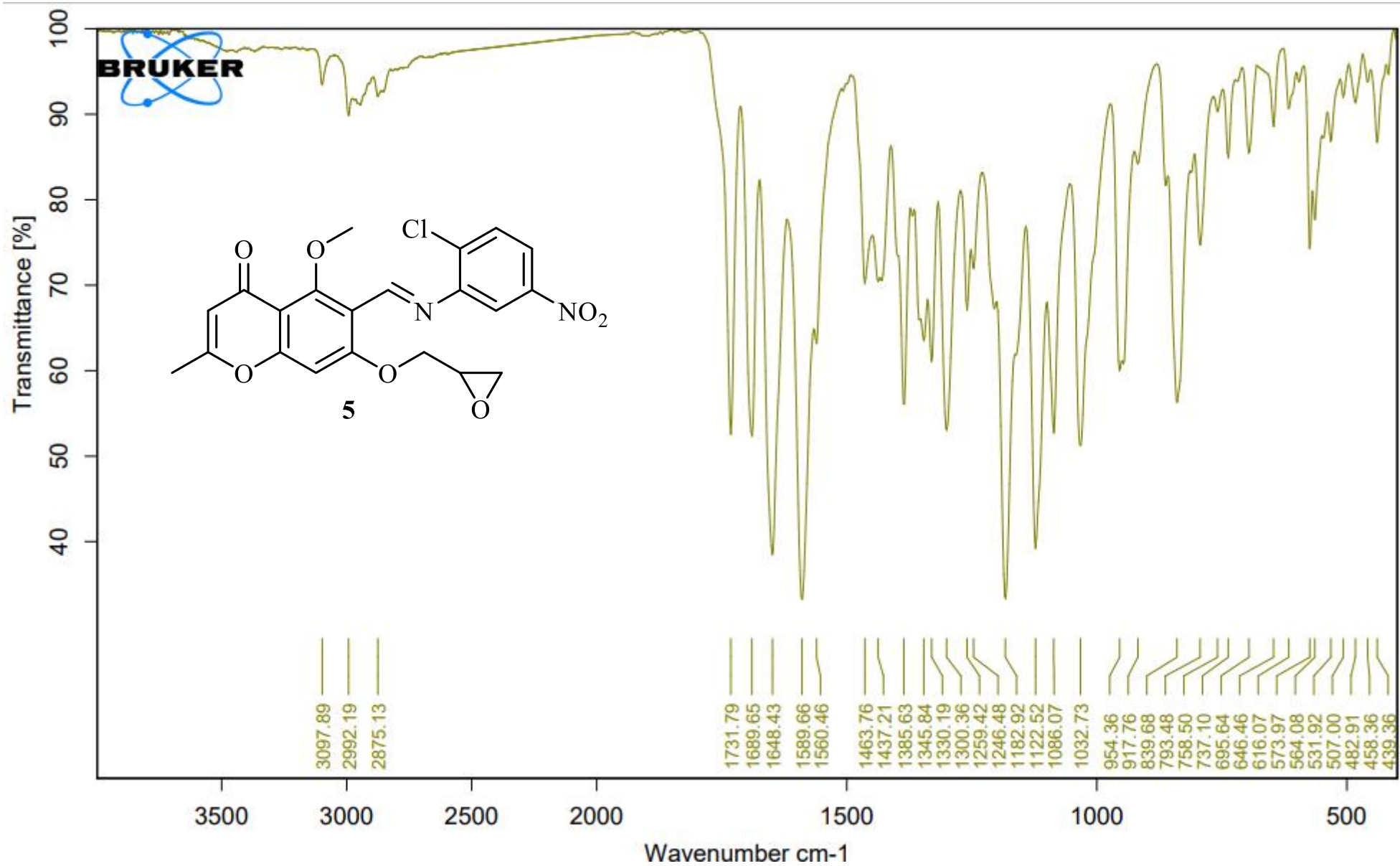




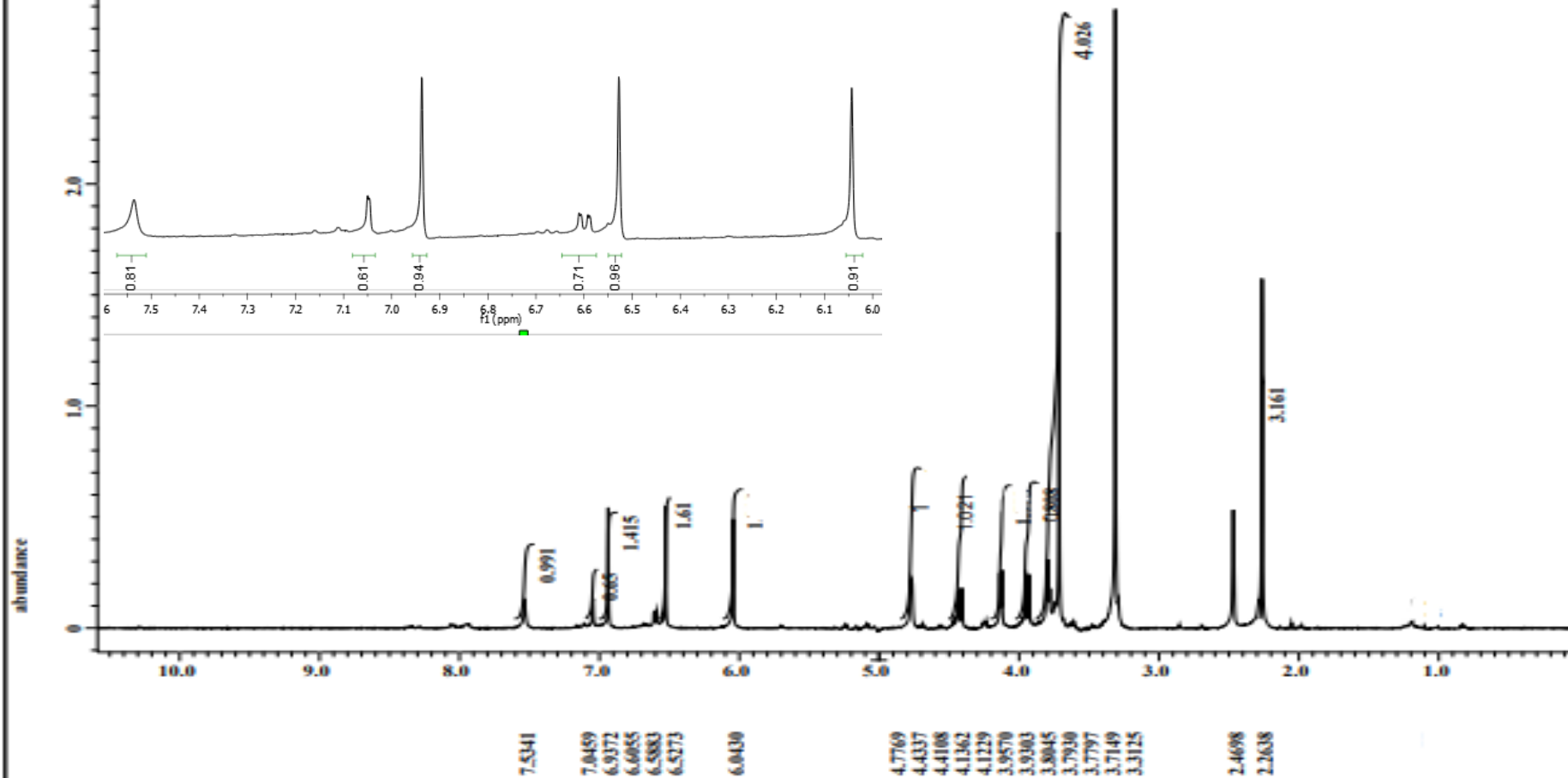
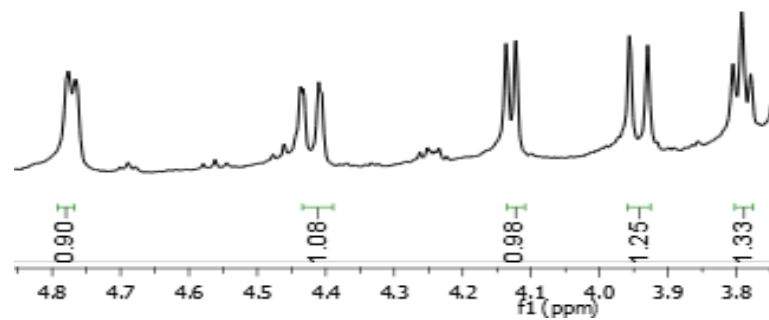
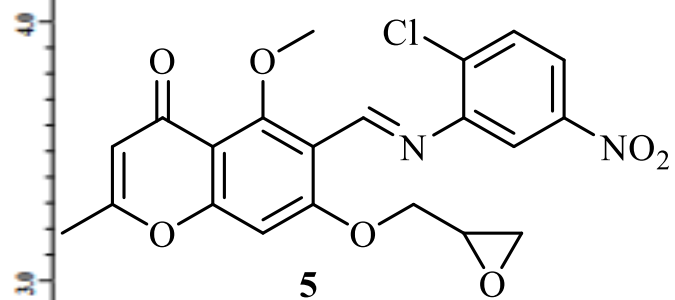
Heba-V5B #1104 RT: 3.79 AV: 1 NL: 1.90E3
T: [0.0] + c EI Full ms [50.00-550.00]

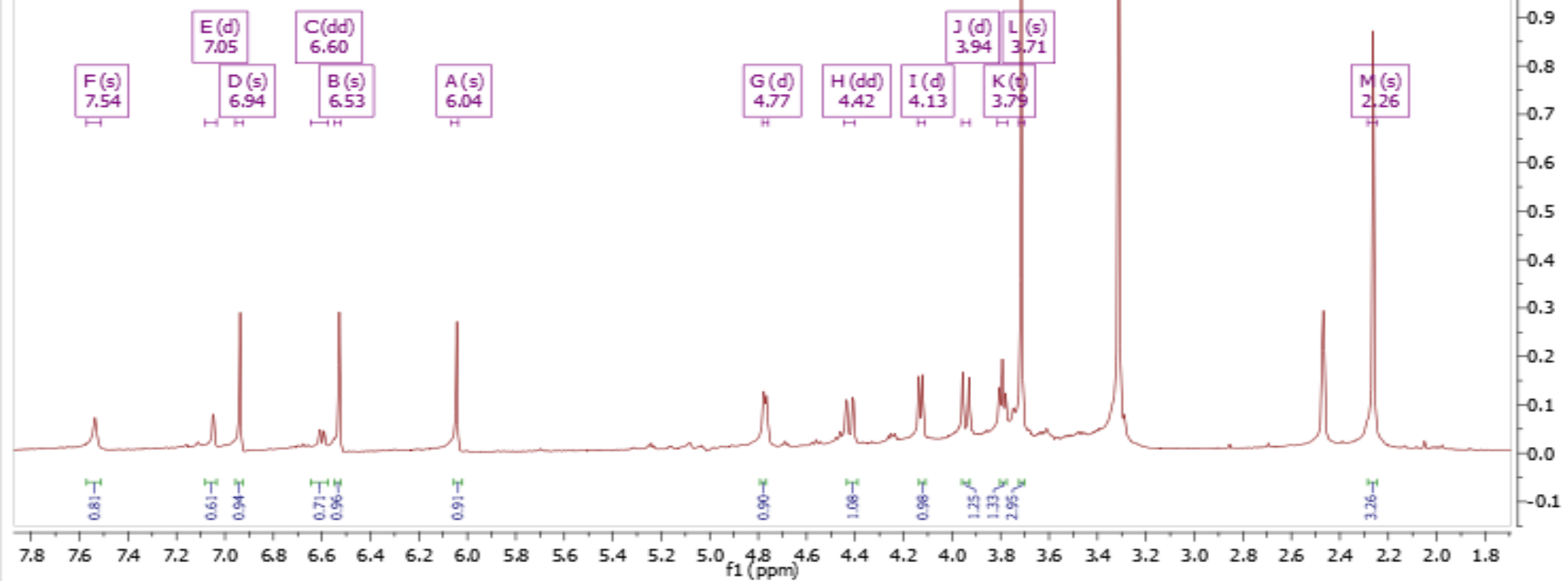
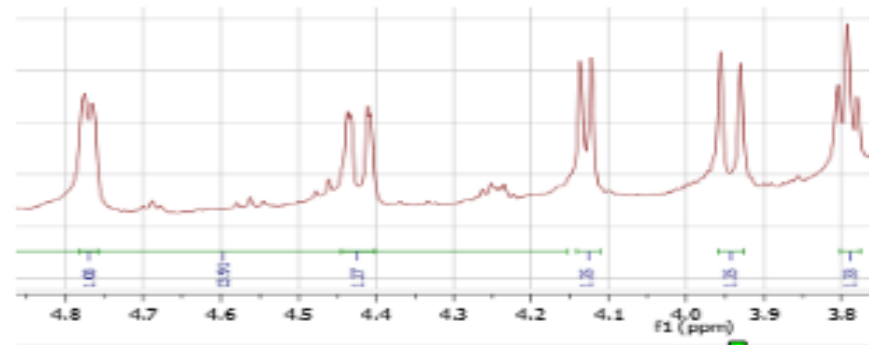
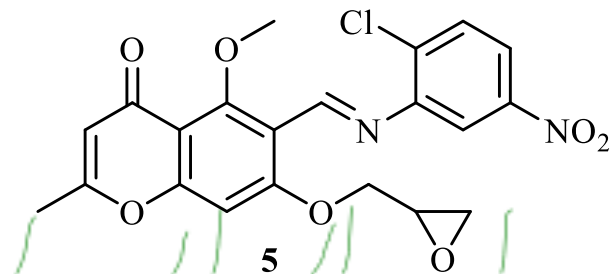



$$X = \text{narts mee Million} = 1H$$

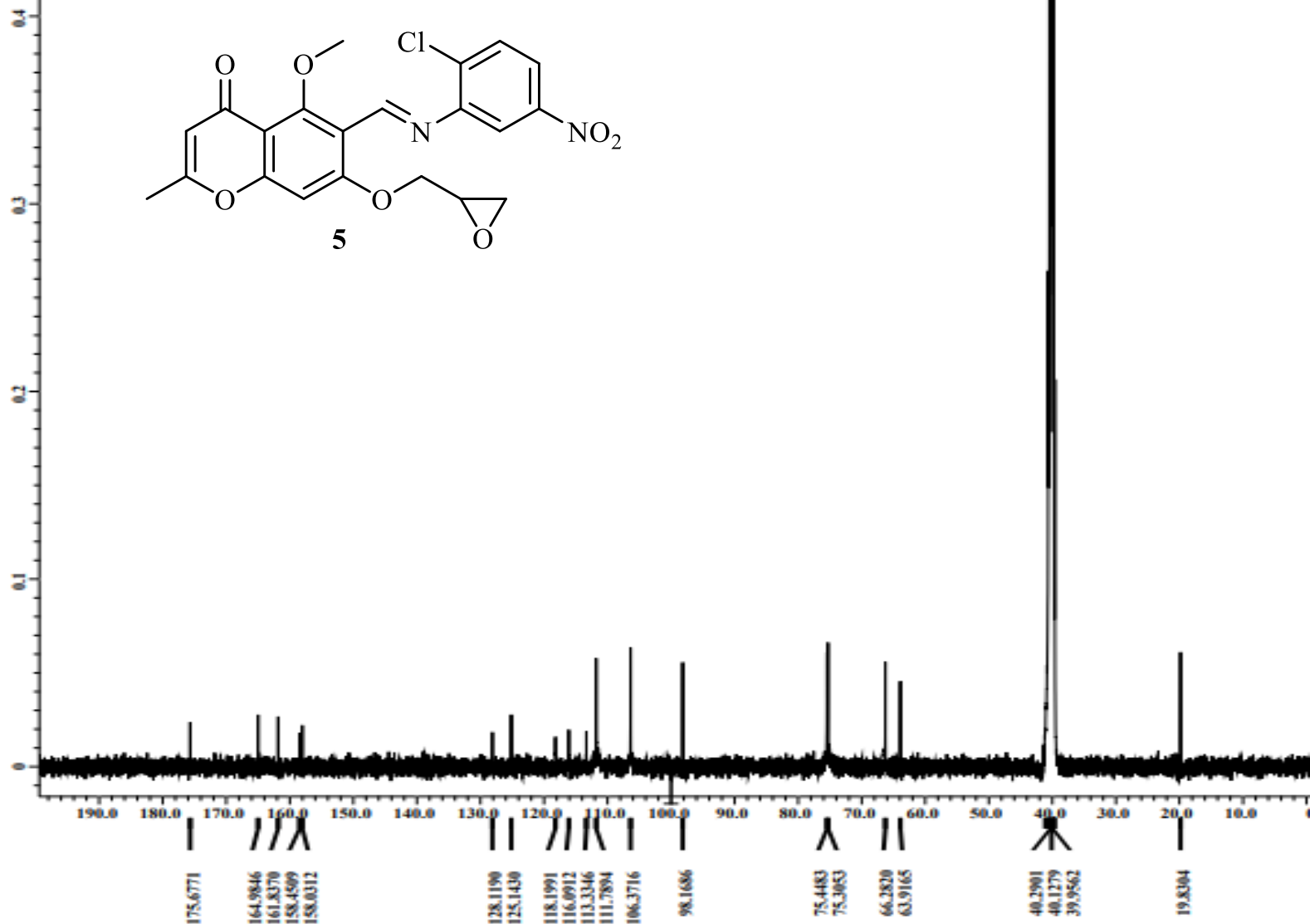
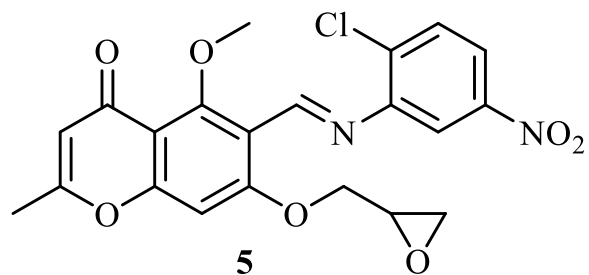


V6A-DMSO-1H-5.jdt
HEBA/N/V6A-DMSO-1H

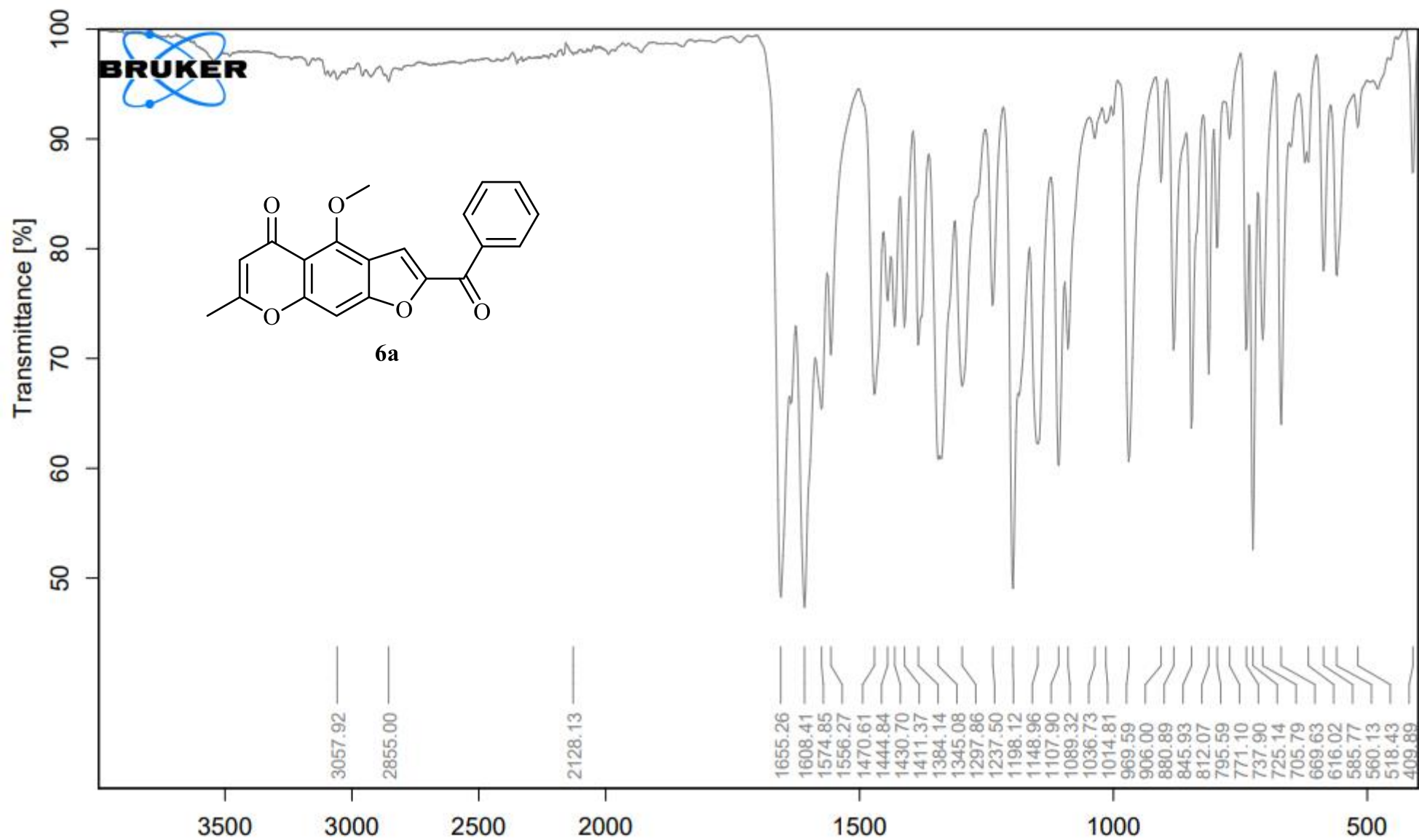




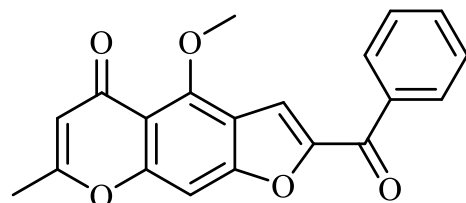
V6a-DMSO-13C-5.jdf
HEBA/N/V6a-DMSO-13C



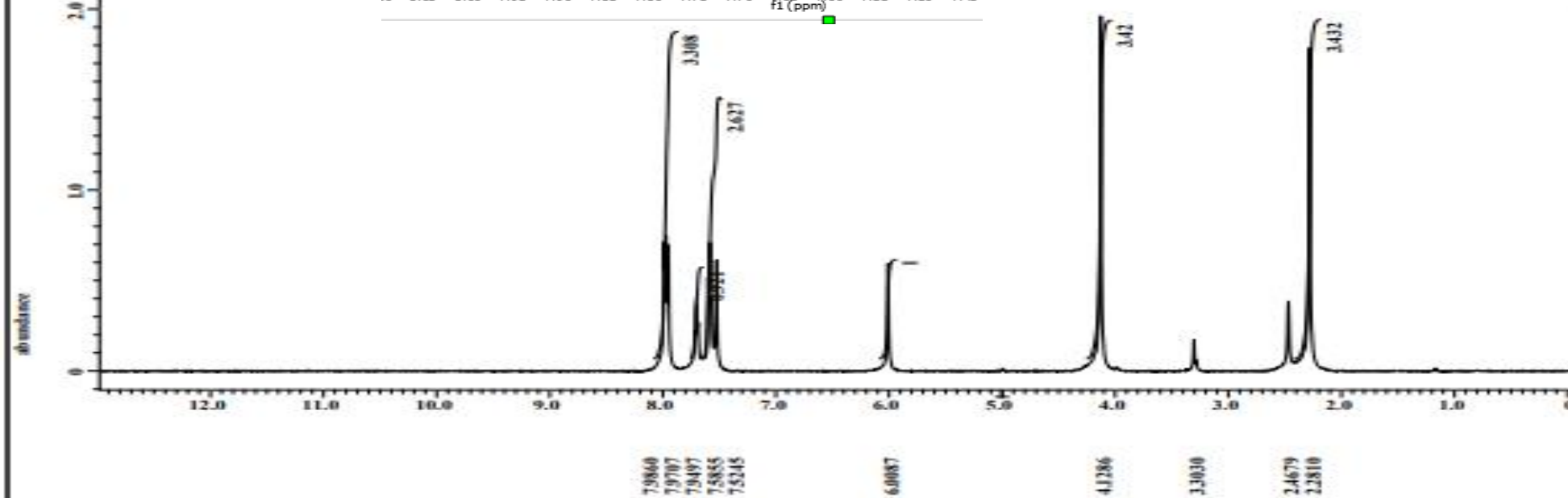
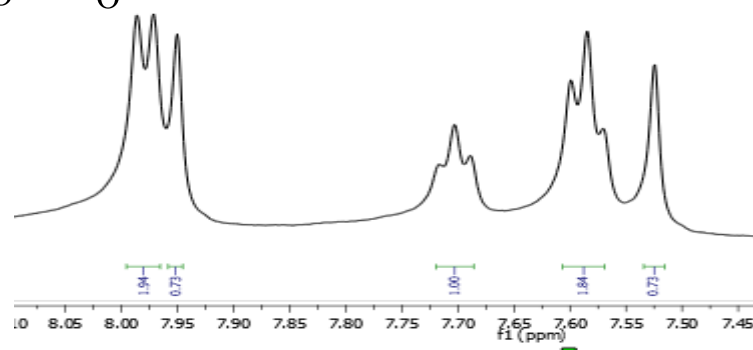
X : parts per Million : 13C



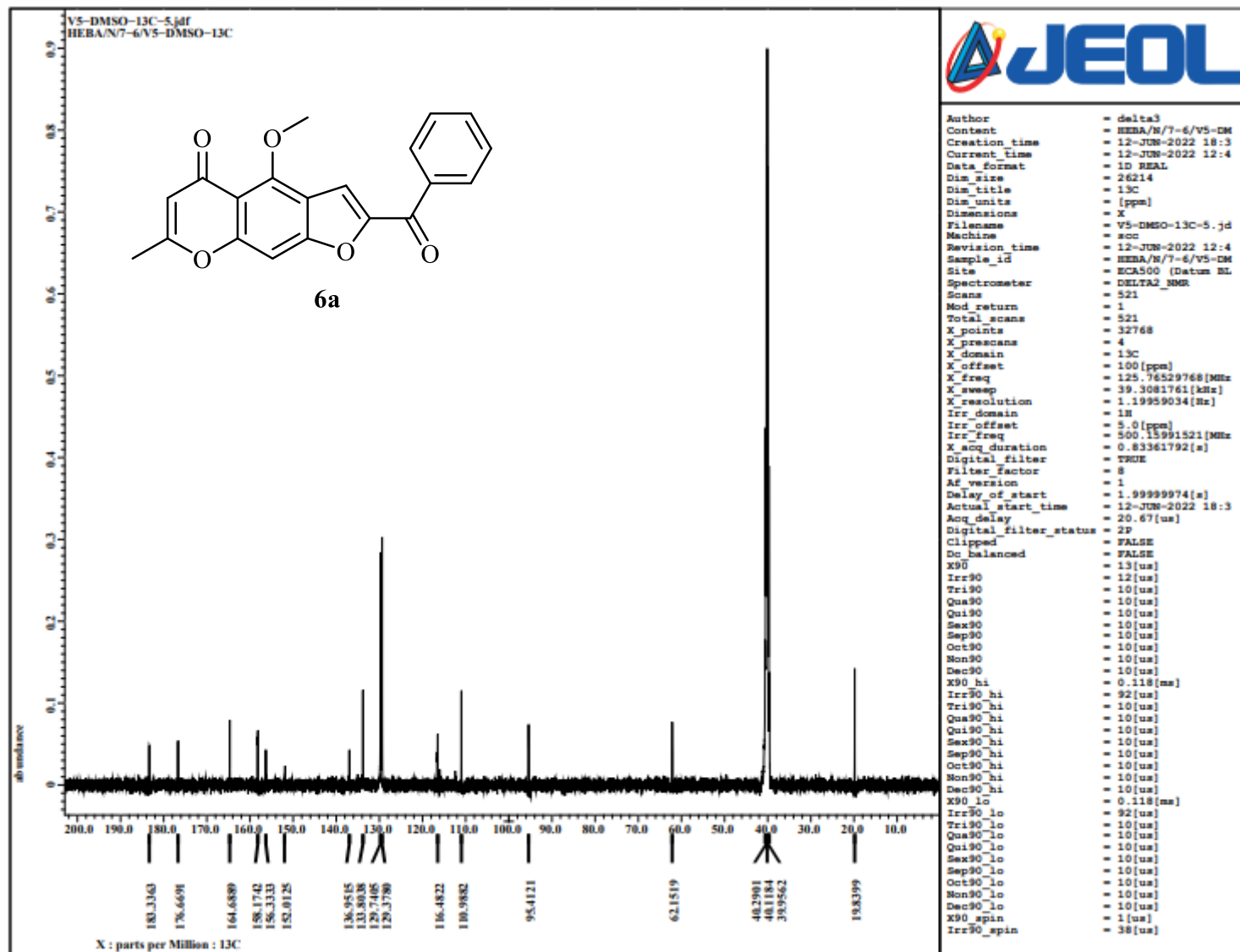
V5-DMSO-1H-5.jdt
HEBA/N7-6/V5-DMSO-1H

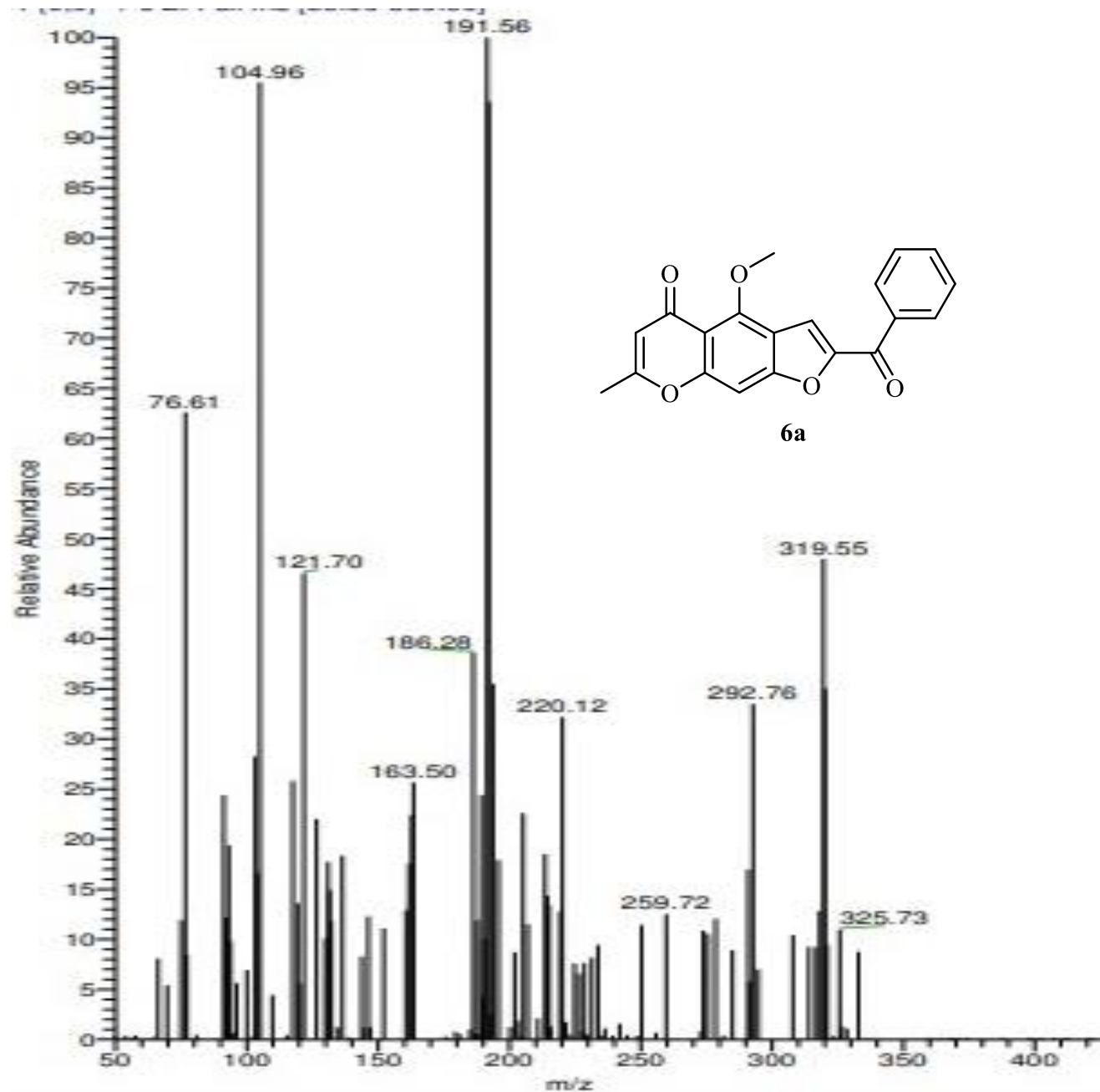


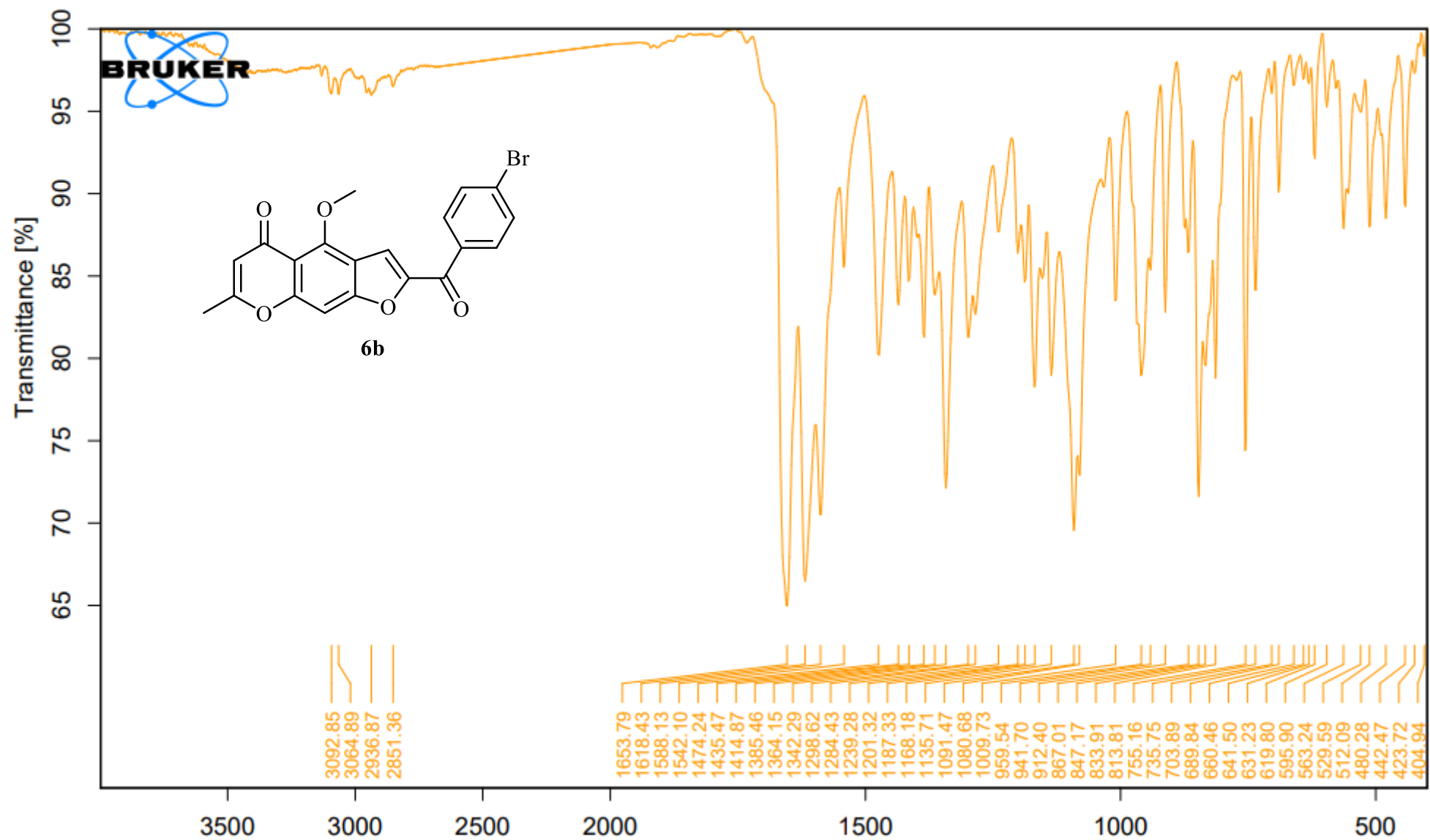
6a

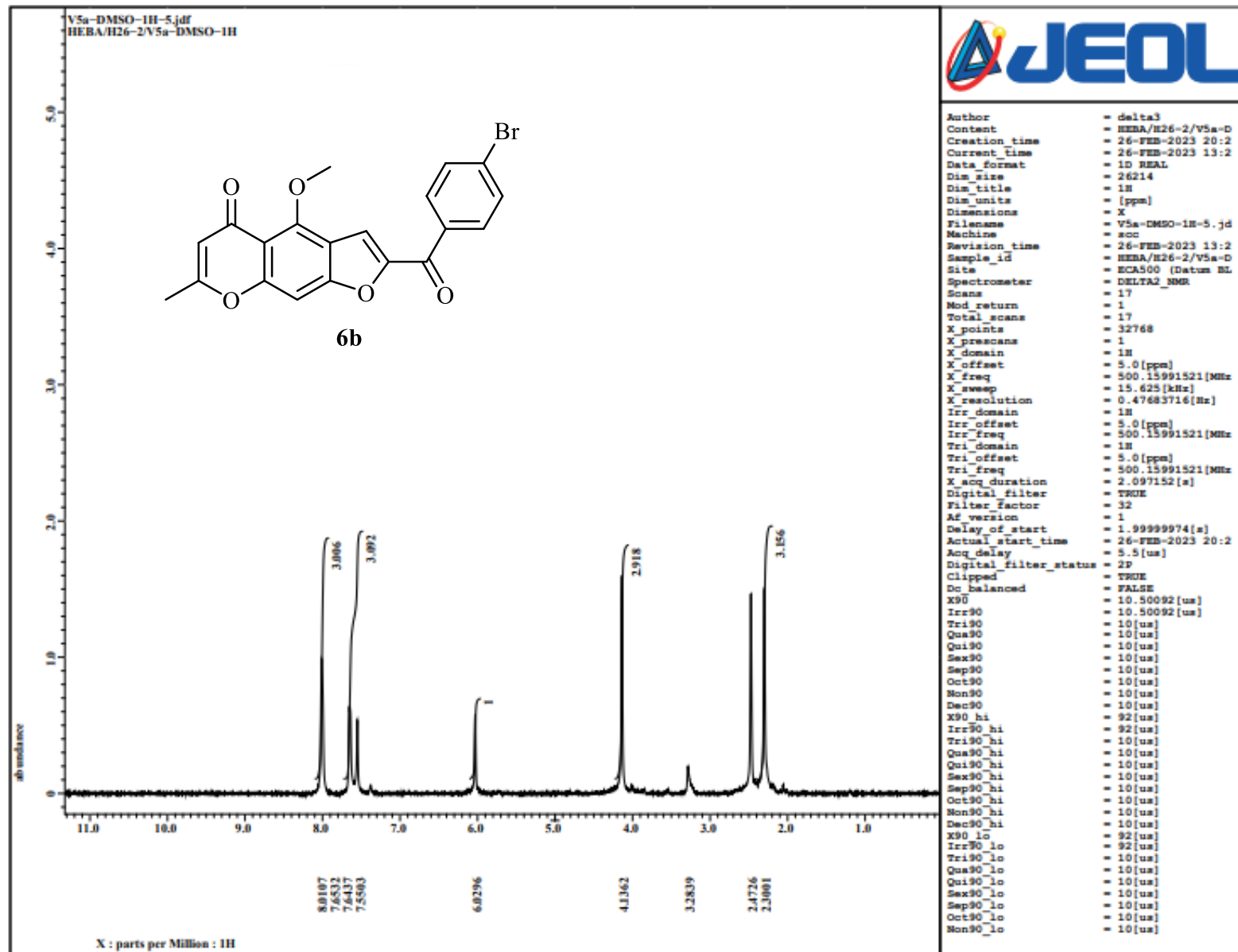


X : parts per Million : 1H

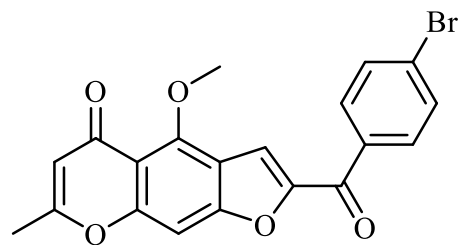
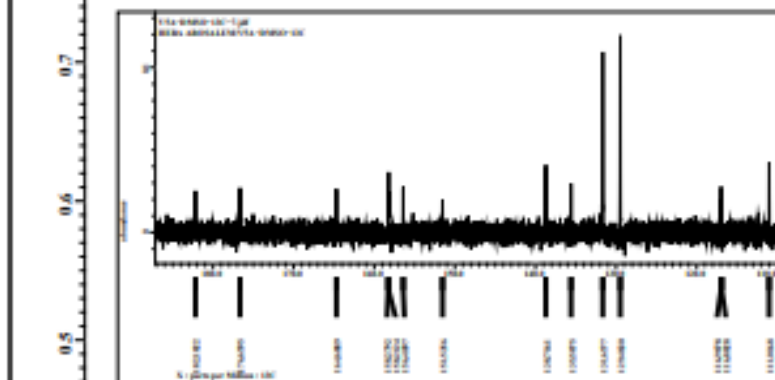




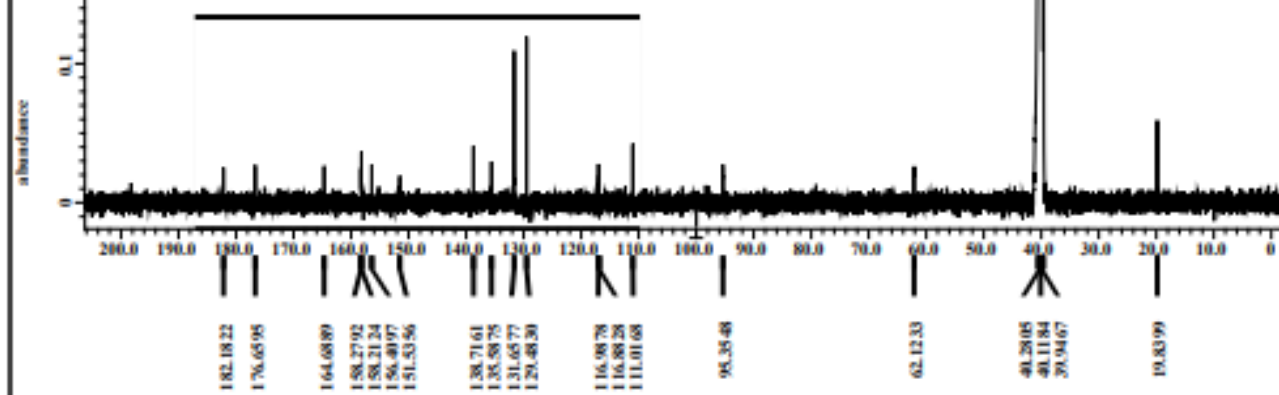




V5A-DMSO-13C-7.jdf
HERA ABOSALEM/V5A-DMSO-13C

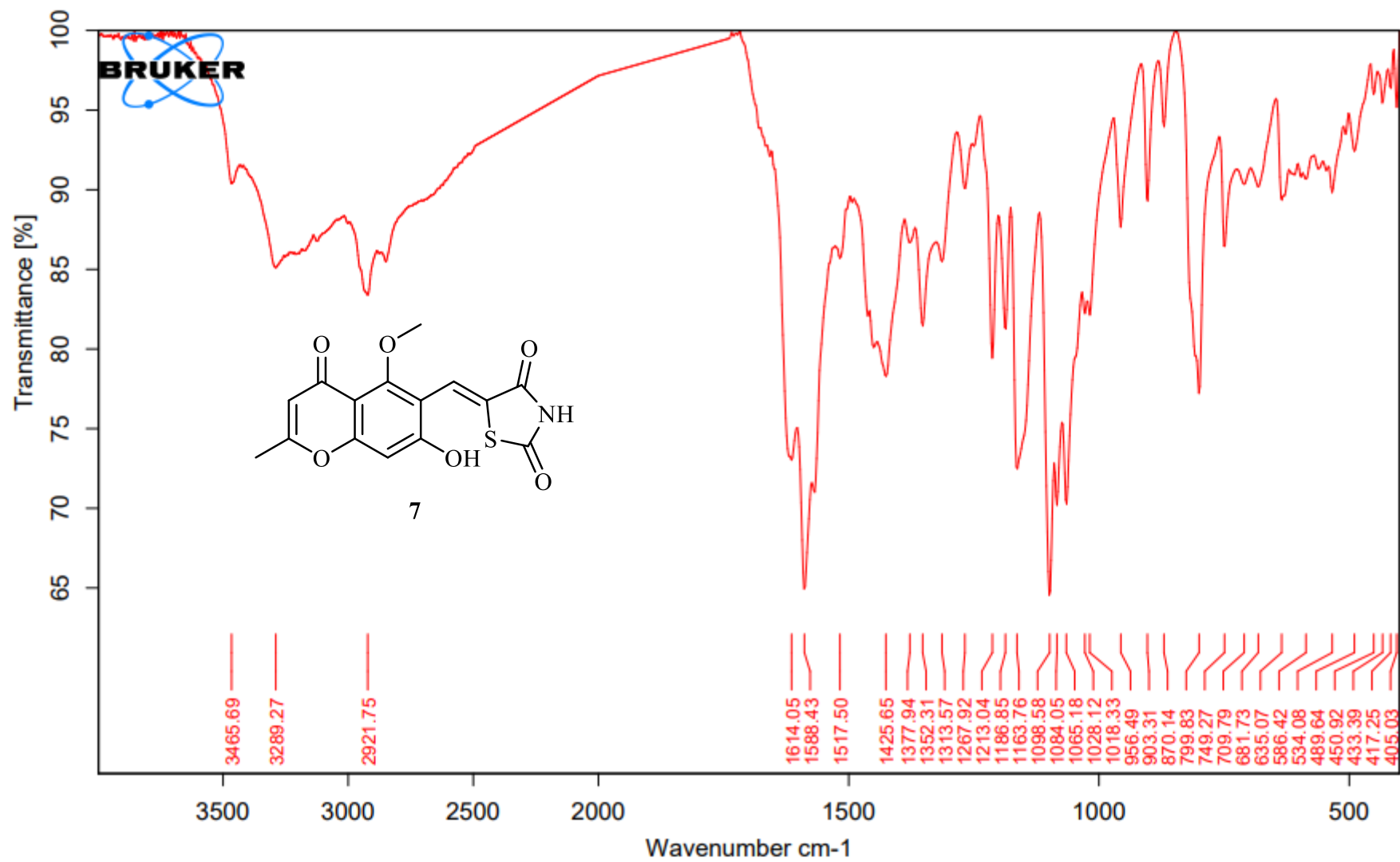


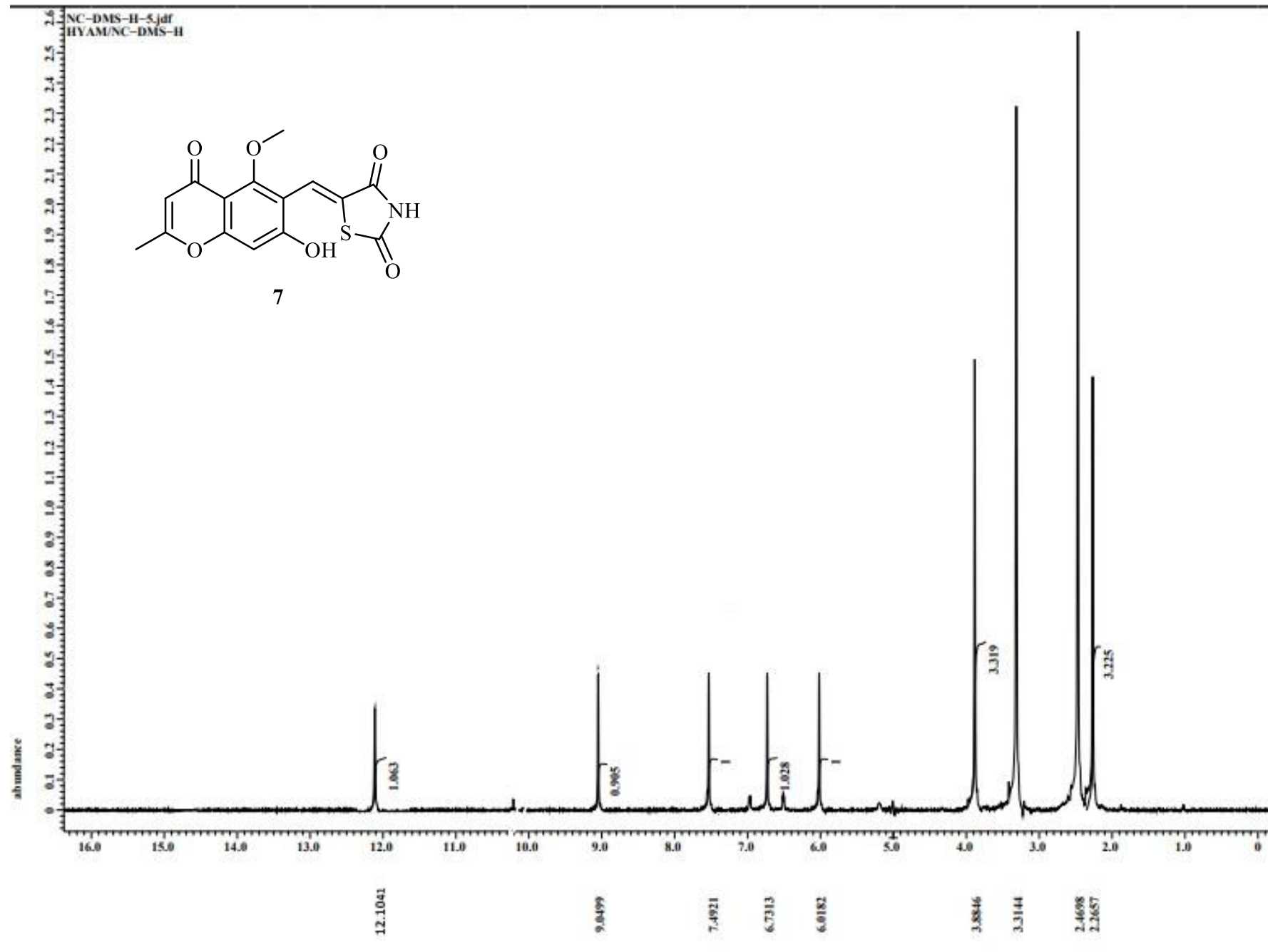
6b

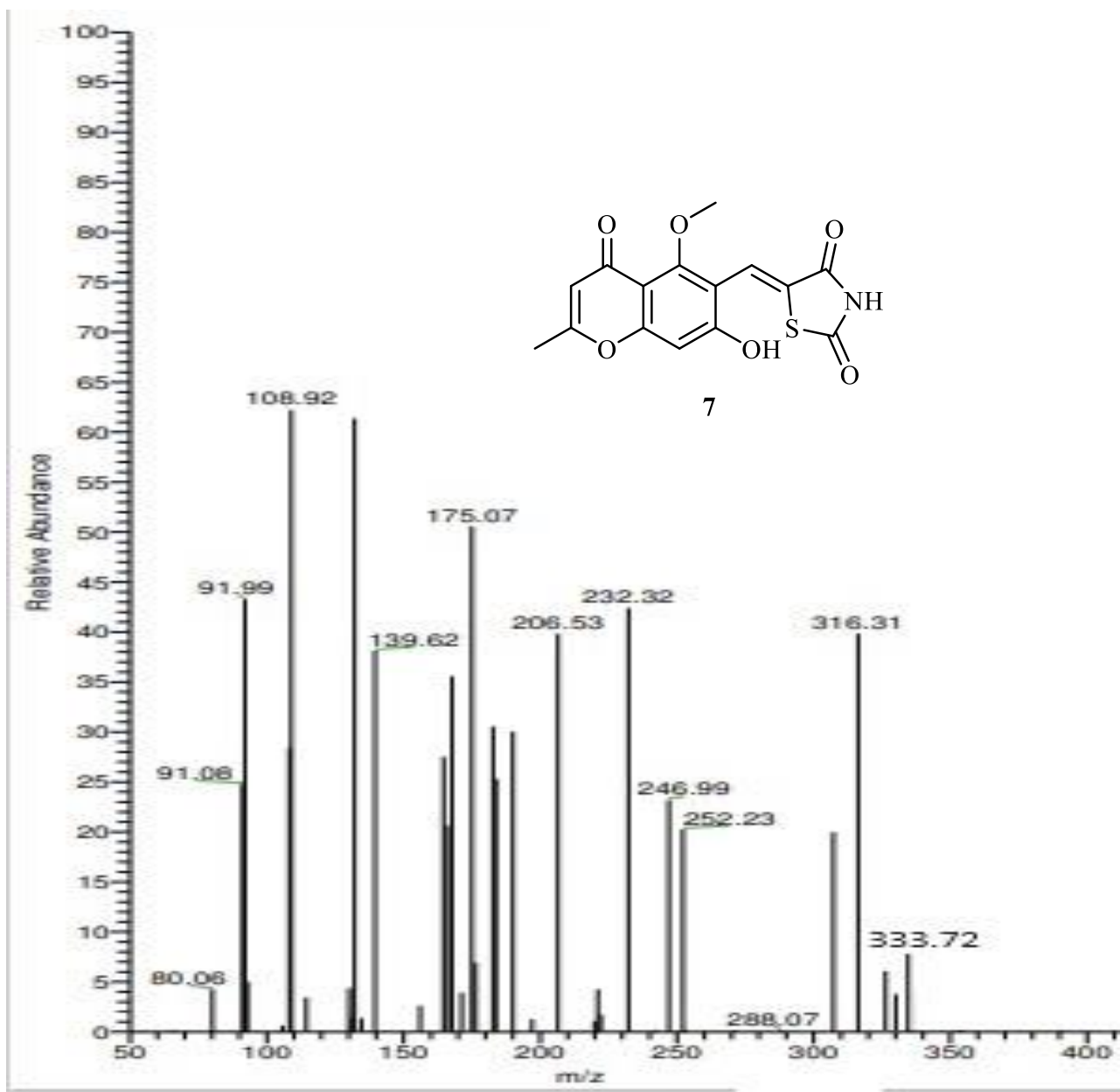


X : parts per Million : 13C

Author	= delta3
Content	= HERA ABOSALEM/V5
Creation_time	= 31-MAY-2023 20:2
Current_time	= 31-MAY-2023 14:2
Data_format	= 1D_REAL
Data_size	= 26214
Data_title	= 13C
Data_units	= [ppm]
Dimensions	= X
Filename	= V5A-DMSO-13C-7.j
Machine	= acc
Revision_time	= 31-MAY-2023 14:2
Sample_id	= HERA ABOSALEM/V5
Site	= ECA500 (Datum HL
Spectrometer	= DELTA2 500
Scans	= 410.0
Mod_return	= 1
Total_scans	= 410.0
X_points	= 32768
X_prescans	= 4
X_domain	= 13C
X_offset	= 100[ppm]
X_freq	= 125.76529768 [MHz]
X_sweep	= 39.3081761 [kHz]
X_resolution	= 1.19959034 [Hz]
IFr_domain	= 1H
Irr_offset	= 5.0[ppm]
Irr_freq	= 500.15991521 [MHz]
X_aq_duration	= 0.83361792 [s]
Digital_filter	= TRUE
Filter_factor	= 8
Acq_version	= 1
Delay_of_start	= 1.99999974 [s]
Actual_start_time	= 31-MAY-2023 20:2
Acq_delay	= 20.67 [us]
Digital_filter_status	= 29
Clipped	= FALSE
Dc_balanced	= FALSE
X90	= 9 [us]
Irr90	= 10.50092 [us]
Tri90	= 10 [us]
Qua90	= 10 [us]
Qui90	= 10 [us]
Sex90	= 10 [us]
Sep90	= 10 [us]
Oct90	= 10 [us]
Non90	= 10 [us]
Dec90	= 10 [us]
X90_hi	= 0.118 [ms]
Irr90_hi	= 92 [us]
Tri90_hi	= 10 [us]
Qua90_hi	= 10 [us]
Qui90_hi	= 10 [us]
Sex90_hi	= 10 [us]
Sep90_hi	= 10 [us]
Oct90_hi	= 10 [us]
Non90_hi	= 10 [us]
Dec90_hi	= 10 [us]
X90_lo	= 0.118 [ms]
Irr90_lo	= 92 [us]
Tri90_lo	= 10 [us]
Qua90_lo	= 10 [us]
Qui90_lo	= 10 [us]
Sex90_lo	= 10 [us]
Sep90_lo	= 10 [us]
Oct90_lo	= 10 [us]
Non90_lo	= 10 [us]
Dec90_lo	= 10 [us]
X90_spin	= 1 [us]
Irr90_spin	= 38 [us]

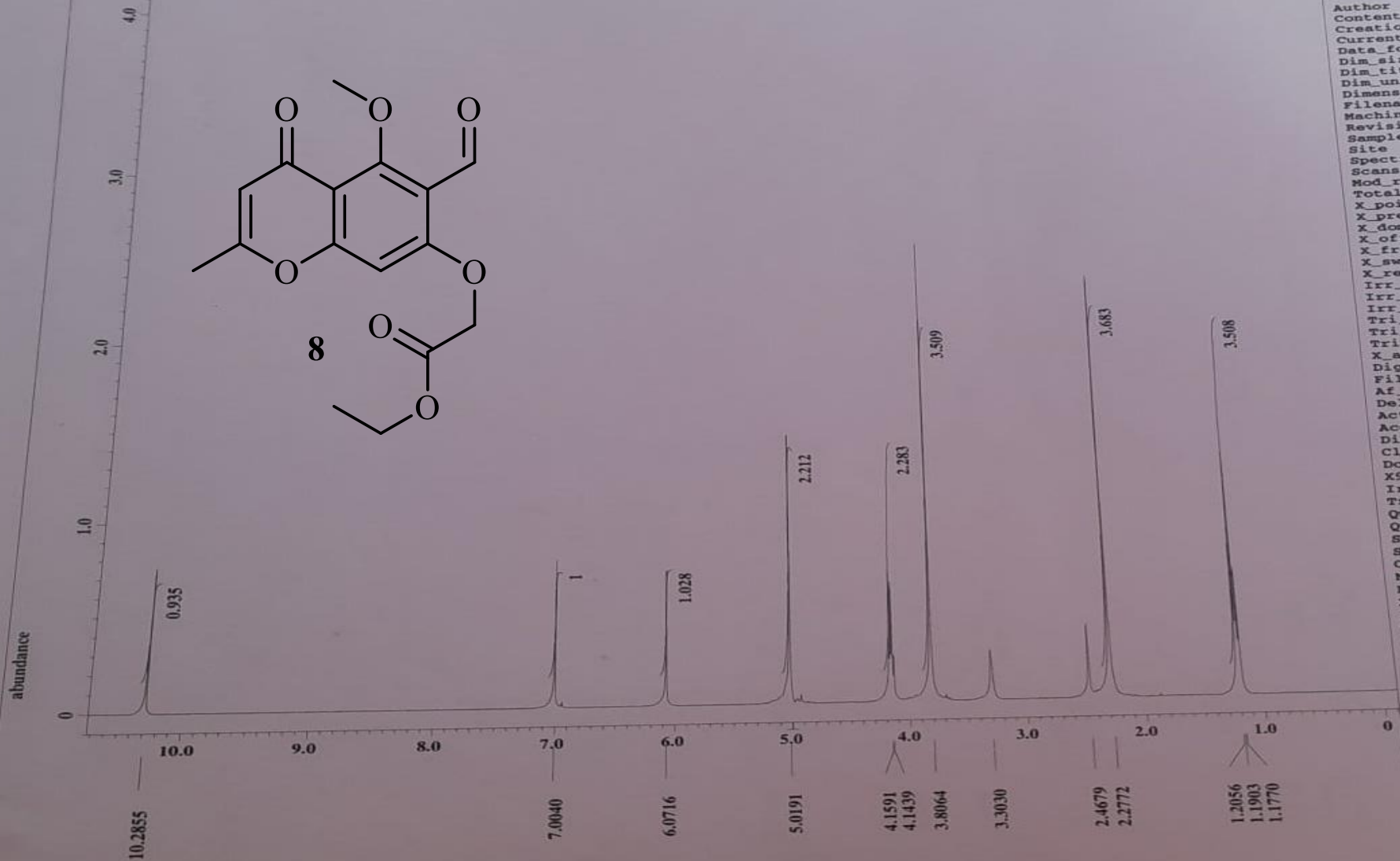






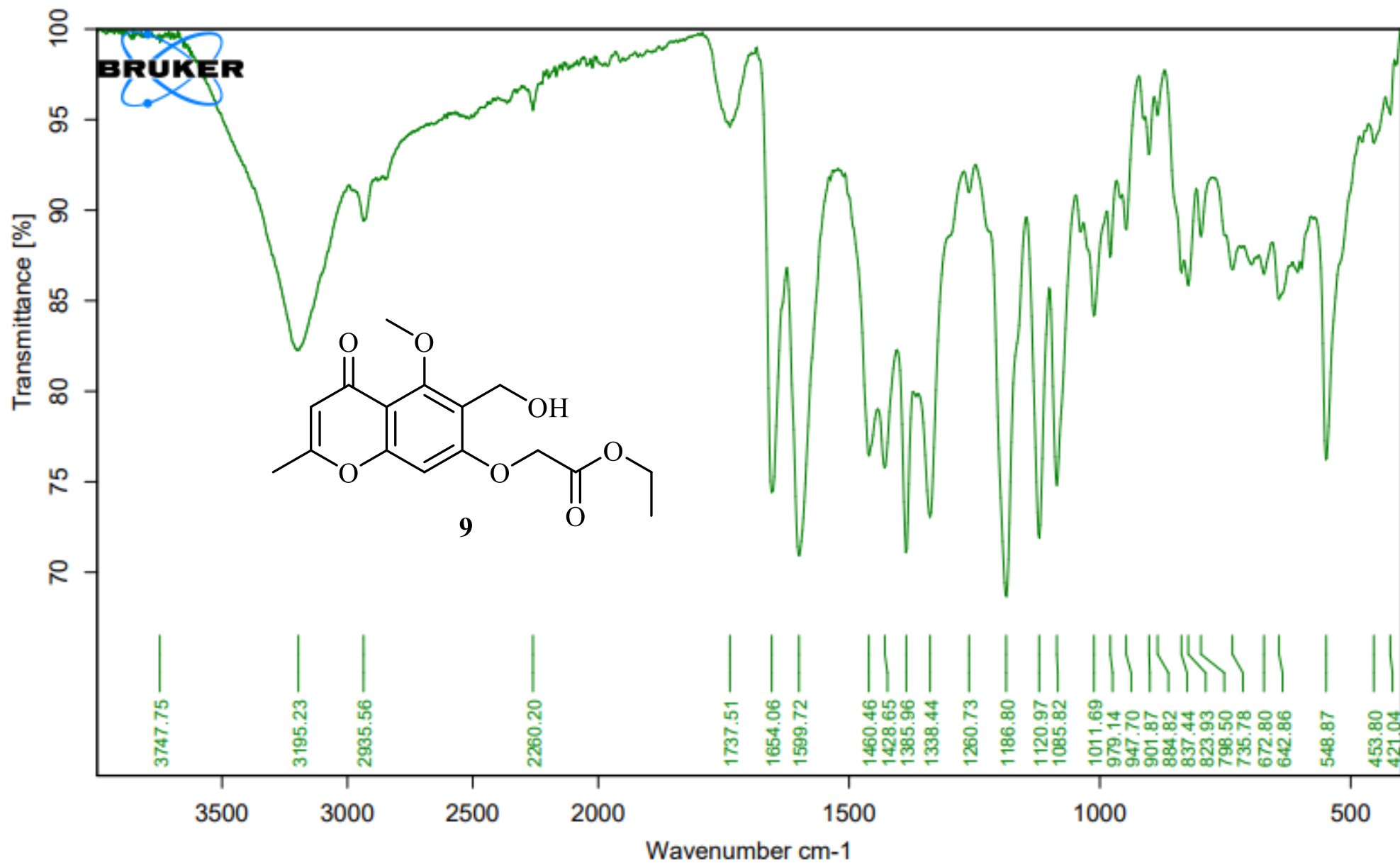
10
10
CoOEt

V3-DMSO-1H-8jdf
HEBA/V3-DMSO-1H

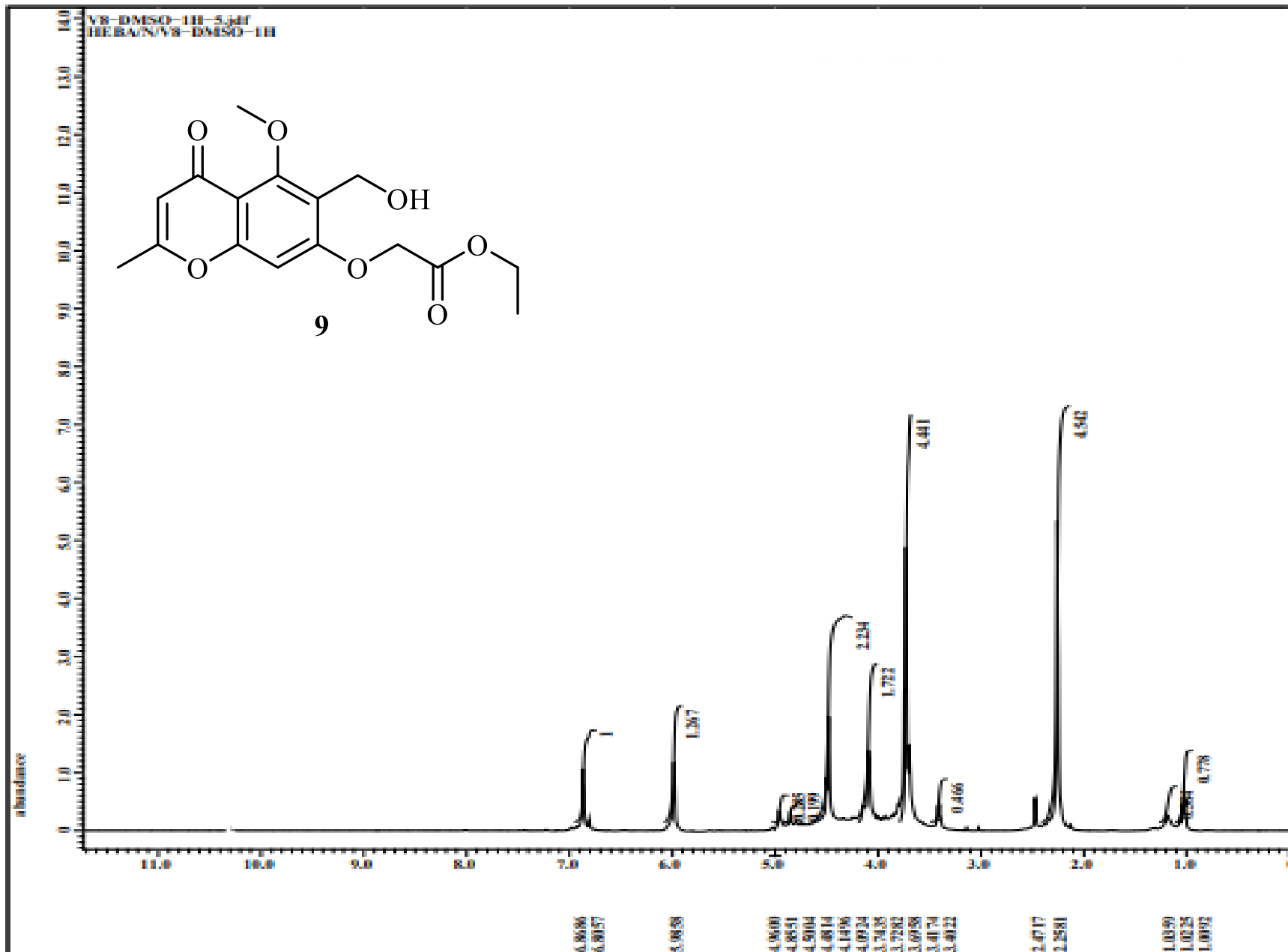
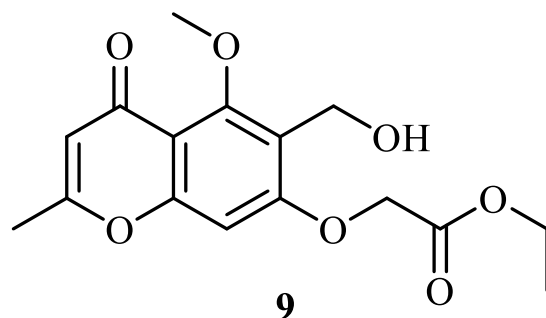


Author
Content
Creation_time
Current_time
Data_format
Dim_size
Dim_title
Dim_units
Dimensions
Filename
Machine
Revision_time
Sample_id
Site
Spectrometer
Scans
Mod_return
Total_scans
X_points
X_prescans
X_domain
X_offset
X_freq
X_sweep
X_resolution
Irr_domain
Irr_offset
Irr_freq
Tri_domain
Tri_offset
Tri_freq
X_acq_duration
Digital_filter
Filter_factor
Af_version
Delay_of_start
Actual_start_t
Acq_delay
Digital_filter
Clipped
Dc_balanced
X90
Irr90
Tri90
Qua90
Qui90
Sex90
Sep90
Oct90
Non90
Dec90
X90_hi
Irr90_hi
Tri90_hi
Qua90_hi
Qui90_hi
Sex90_hi
Sep90_hi
Oct90_hi
Non90_hi
Dec90_hi
X90_lo
Irr90_lo
Tri90_lo
Qua90_lo
Qui90_lo
Sex90_lo
Sep90_lo
Oct90_lo
Non90_lo

X : parts per Million : 1H



VR-DMSO-1H-5.jdf
HEBA/N/VR-DMSO-1H

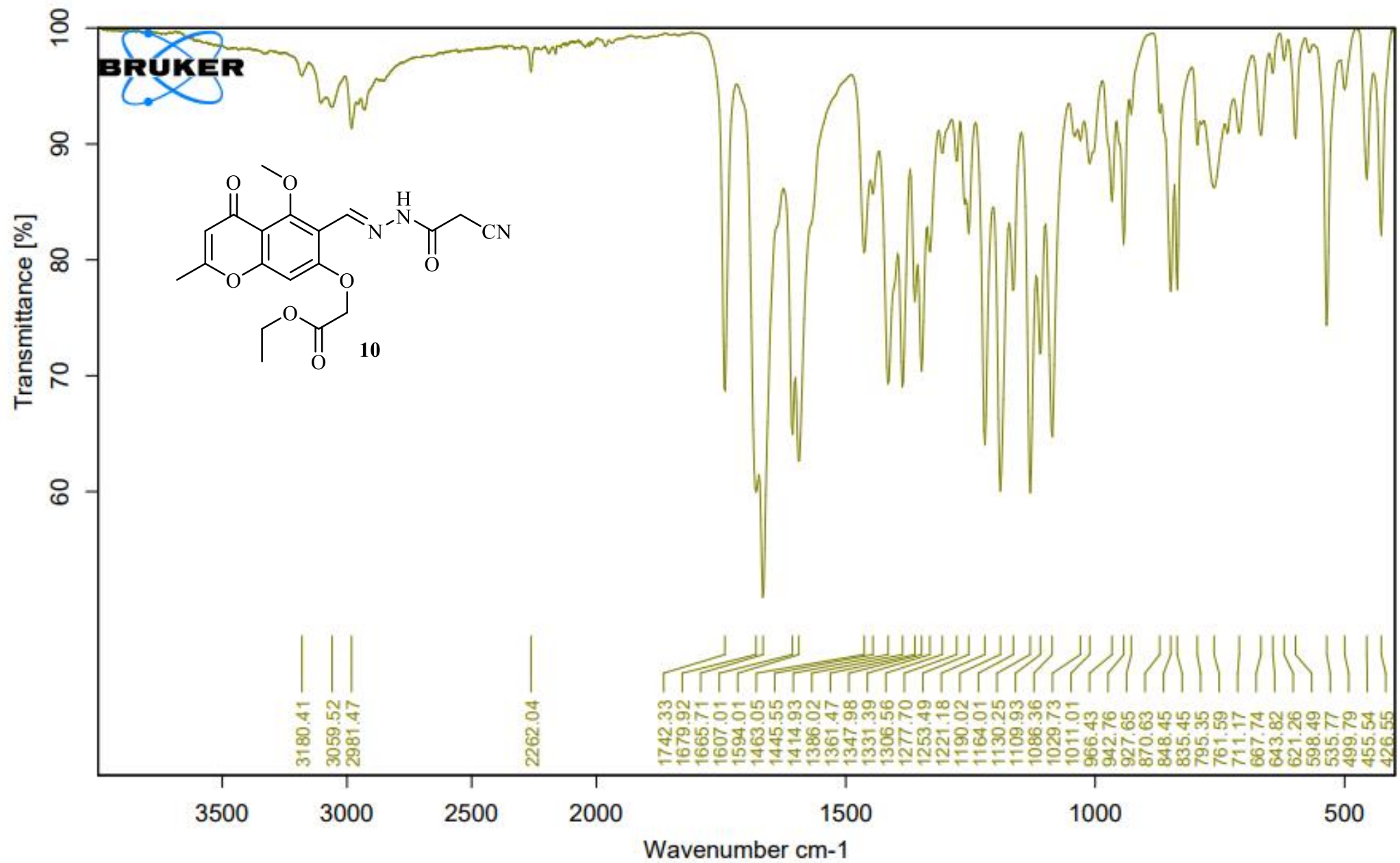


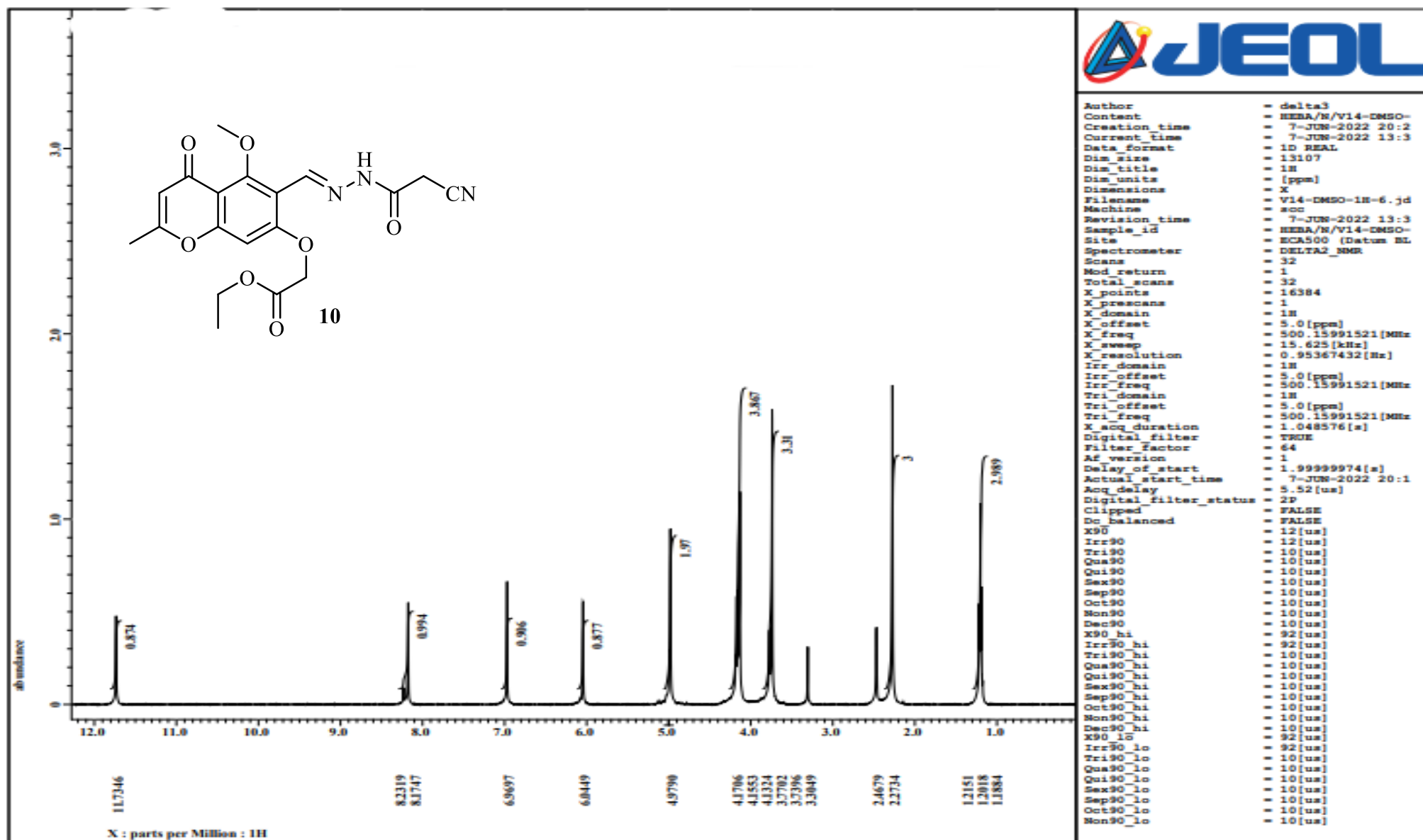
X : parts per Million : 1H

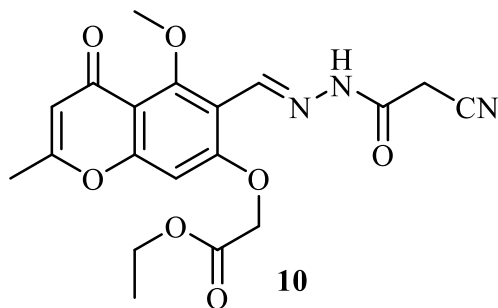
```

Author          = Delta3
Content         = HEBA/N/VR-DMSO-1
Creation time   = 5-APR-2022 10:3
Current Time    = 5-APR-2022 11:4
Data format     = 1D REAL
Dir_size        = 13107
Dir_title       = 1H
Dir_units       = [ppm]
Dimensions      = 2
Filename        = VR-DMSO-1H-5.jdf
Machine         = acc
Revision time   = 5-APR-2022 11:4
Sample_id       = HEBA/N/VR-DMSO-1
Site            = ECA500 (Datum BL
Spectrometer    = DELTA2_MMR
Scans           = 32
Mod return      = 1
Total_scans     = 32
X_points        = 16384
X_prescans      = 1
X_domain        = 1H
X_offset        = 5.0 [ppm]
X_freq          = 500.15991521 [MHz]
X_sweep         = 15.625 [kHz]
X_resolution    = 0.95367432 [Hz]
Irr_domain      = 1H
Irr_offset      = 5.0 [ppm]
Irr_freq        = 500.15991521 [MHz]
Tri_domain      = 1H
Tri_offset      = 5.0 [ppm]
Tri_freq        = 500.15991521 [MHz]
X_acq_duration  = 1.048576 [s]
Digital Filter  = TRUE
Filter Factor   = 64
Acq version     = 1
Delay of start  = 1.99999974 [s]
Actual_start_time = 5-APR-2022 10:3
Acq_delay       = 5.52 [us]
Digital_filter_status = 2P
Clipped        = TRUE
Do balanced     = FALSE
X90            = 12 [us]
Irr90          = 12 [us]
Tri90          = 10 [us]
Qoa90         = 10 [us]
Qoi90         = 10 [us]
Sax90         = 10 [us]
Sep90         = 10 [us]
Oct90         = 10 [us]
Mon90         = 10 [us]
Dec90         = 10 [us]
X90_hi        = 92 [us]
Irr90_hi       = 92 [us]
Tri90_hi       = 10 [us]
Qoa90_hi      = 10 [us]
Qoi90_hi      = 10 [us]
Sax90_hi      = 10 [us]
Sep90_hi      = 10 [us]
Oct90_hi      = 10 [us]
Mon90_hi      = 10 [us]
Dec90_hi      = 10 [us]
X90_lo        = 92 [us]
Irr90_lo       = 92 [us]
Tri90_lo       = 10 [us]
Qoa90_lo      = 10 [us]
Qoi90_lo      = 10 [us]
Sax90_lo      = 10 [us]
Sep90_lo      = 10 [us]
Oct90_lo      = 10 [us]
Mon90_lo      = 10 [us]

```







abundance

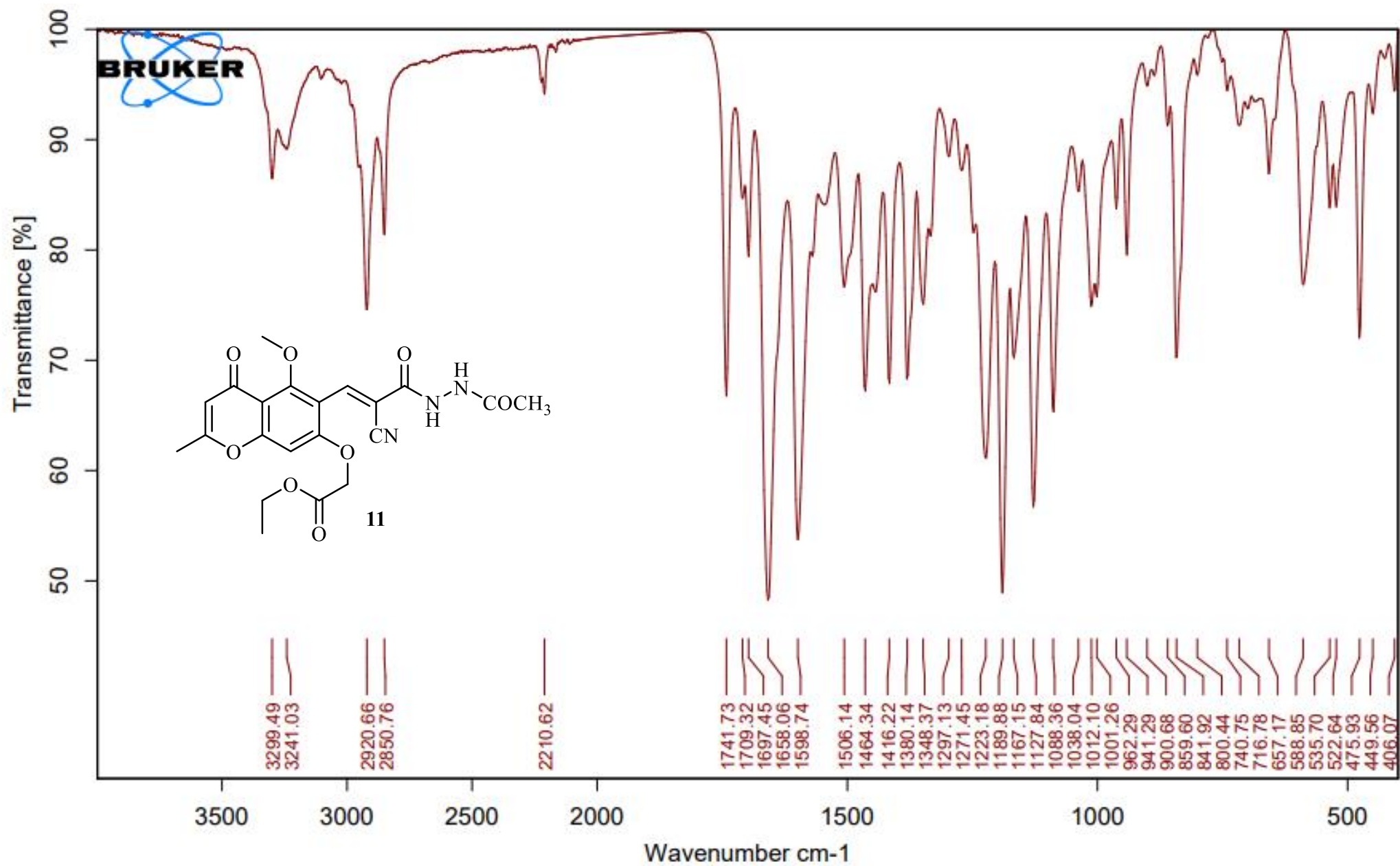
190.0 180.0 170.0 160.0 150.0 140.0 130.0 120.0 110.0 100.0 90.0 80.0 70.0 60.0 50.0 40.0 30.0 20.0 10.0 0

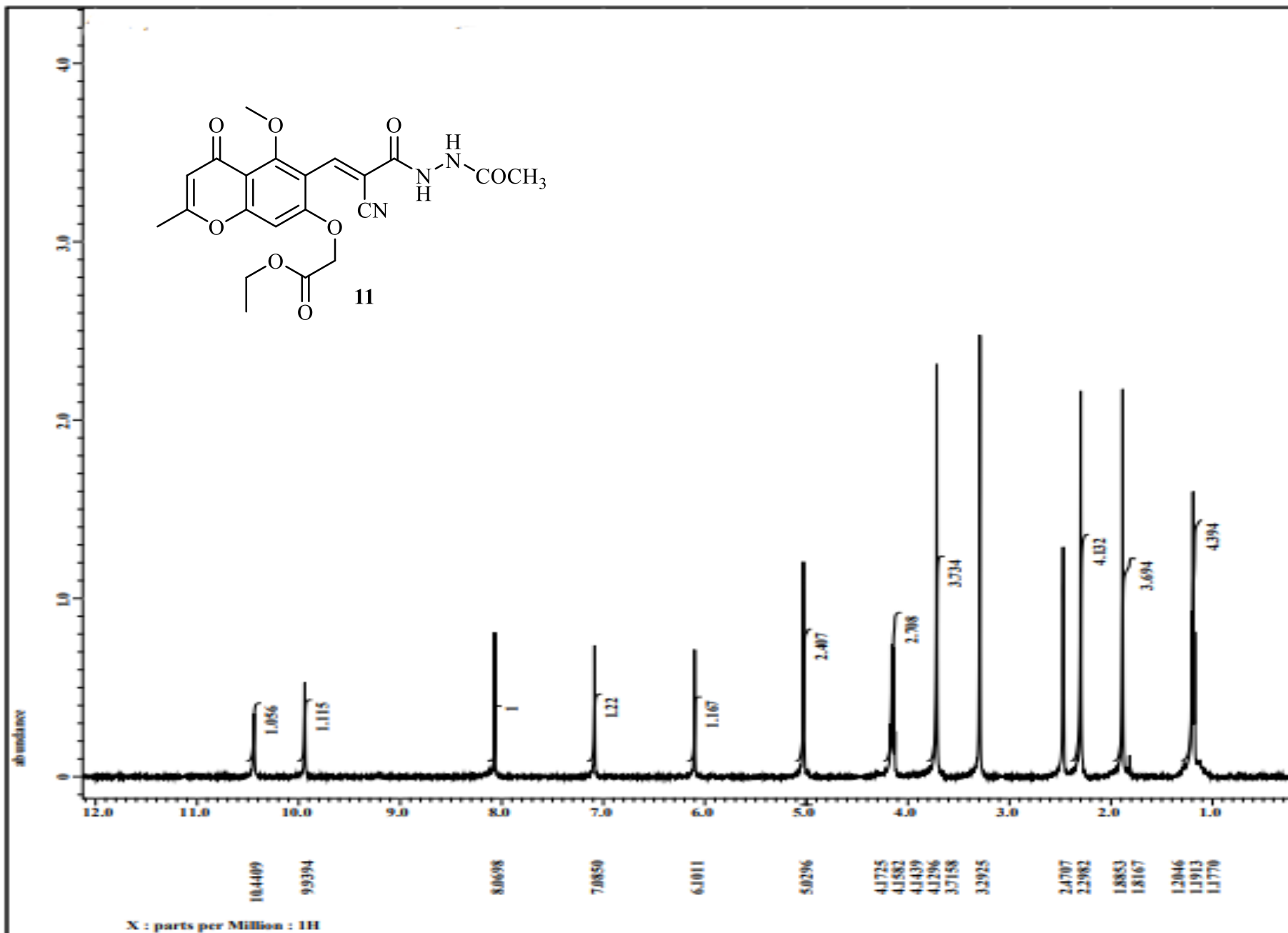
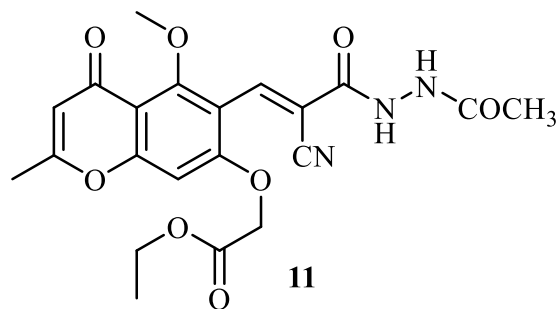
175.4577 168.3326 165.2421 164.6603 160.3013 159.8053 159.5764 142.1022 138.9450 116.5681 114.8321 111.8371 100.0572 98.3308 66.2534 63.2107 61.4747 40.2996 40.1279 39.9658 24.7903 19.7541 14.5366

X : parts per Million : ¹³C

```

Author      = delta3
Content     = HEDA/M\7-6/V14-D
Creation time = 8-JUN-2022 20:0
Current time = 8-JUN-2022 14:1
Data format  = 1D REAL
Dim_size    = 26214
Dim_title   = 13C
Dim_units   = [ppm]
Dimensions  = X
Filename    = V14-DMSO-13C-5.
Machine     = scc
Revision time = 8-JUN-2022 14:1
Sample_id   = HEDA/M\7-6/V14-D
Site        = ECA500 (Datum BL
Spectrometer = DELTA2_NMR
Scans       = 501
Mod_return  = 1
Total_scans = 501
X_points    = 32768
X_prescans  = 4
X_domain    = 13C
X_offset    = 100 [ppm]
X_freq      = 125.76529768 [MHz]
X_sweep     = 39.3081761 [kHz]
X_resolution = 1.19959034 [Hz]
Irr_domain  = 1H
Irr_offset  = 5.0 [ppm]
Irr_freq    = 500.13591521 [MHz]
X_acq_duration = 0.83361792 [s]
Digital_filter = TRUE
Filter_factor = 8
Af_version  = 1
Delay of start = 1.99999974 [s]
Actual_start time = 8-JUN-2022 20:0
Acq_delay    = 20.67 [us]
Digital_filter_status = 2P
Clipped      = FALSE
Dc_balanced  = FALSE
X90          = 13 [us]
Irr90        = 12 [us]
Tri90        = 10 [us]
Qoa90        = 10 [us]
Qui90        = 10 [us]
Sex90        = 10 [us]
Sep90        = 10 [us]
Oct90        = 10 [us]
Non90        = 10 [us]
Dec90        = 10 [us]
X90_hi       = 0.118 [ms]
Irr90_hi     = 92 [us]
Tri90_hi     = 10 [us]
Qoa90_hi     = 10 [us]
Qui90_hi     = 10 [us]
Sex90_hi     = 10 [us]
Sep90_hi     = 10 [us]
Oct90_hi     = 10 [us]
Non90_hi     = 10 [us]
Dec90_hi     = 10 [us]
X90_lo       = 0.118 [ms]
Irr90_lo     = 92 [us]
Tri90_lo     = 10 [us]
Qoa90_lo     = 10 [us]
Qui90_lo     = 10 [us]
Sex90_lo     = 10 [us]
Sep90_lo     = 10 [us]
Oct90_lo     = 10 [us]
Non90_lo     = 10 [us]
Dec90_lo     = 10 [us]
X90_spin     = 1 [us]
Irr90_spin   = 38 [us]
  
```

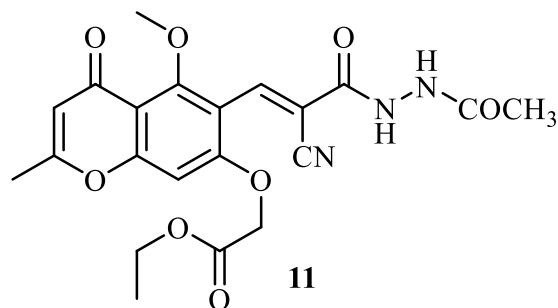




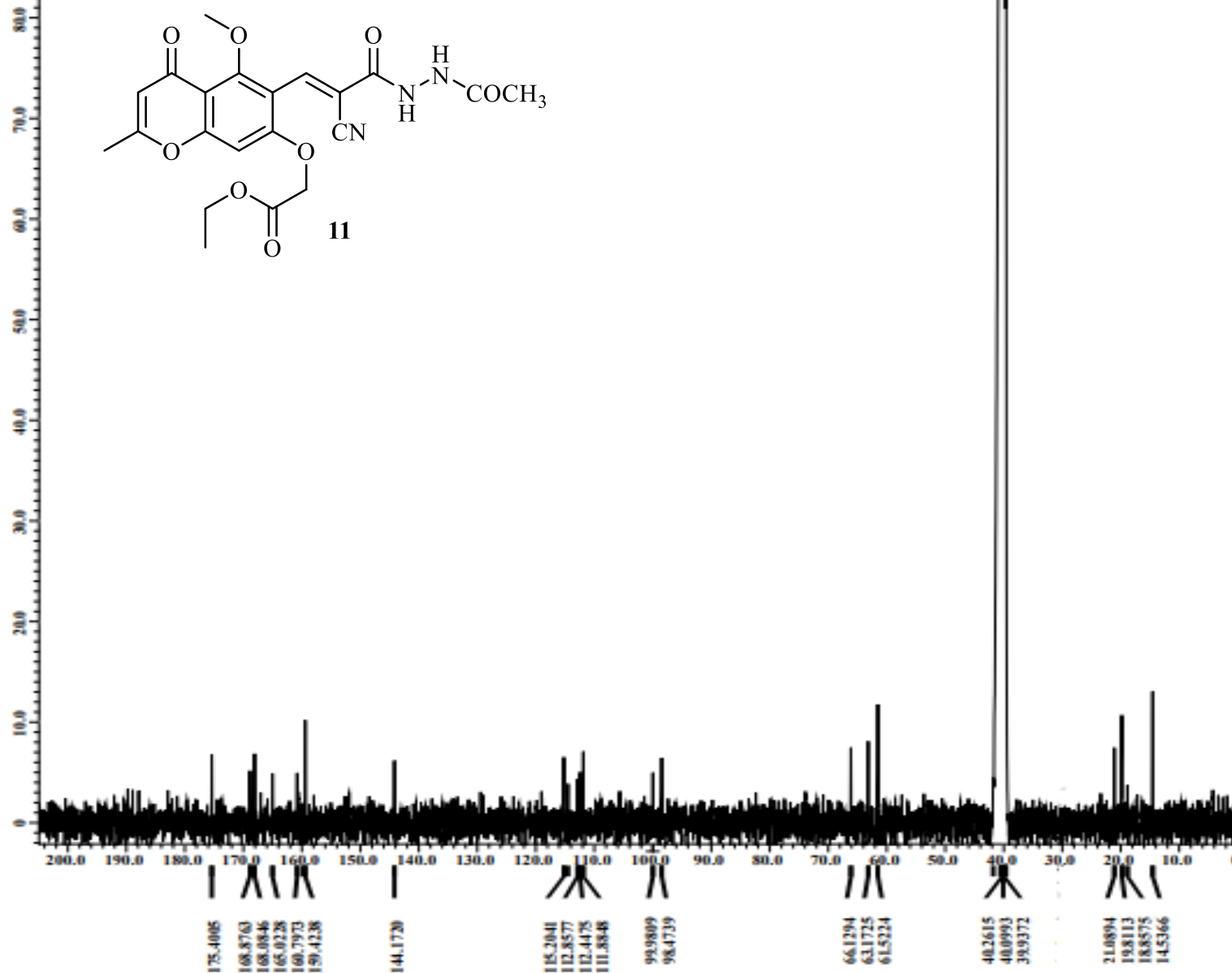
```

Author          = delta3
Content         = HEDA ABO SALEH/HE
Creation_time   = 24-MAY-2023 18:2
Current_time    = 24-MAY-2023 12:1
Data_format     = 1D REAL
Dim_size        = 26214
Dim_title       = 1H
Dim_units       = [ppm]
Dimensions      = X
Filename        = AV14-DMSO-1H-5..j
Machine         = acc
Revision_time   = 24-MAY-2023 12:1
Sample_id       = HEDA ABO SALEH/HE
Site            = ECA500 (Datum BL)
Spectrometer    = DELTA2 500M
Scans           = 17
Mod_return      = 1
Total_scans     = 17
X_points        = 32768
X_prescans      = 1
X_domain        = 1H
X_offset        = 5.0 [ppm]
X_freq          = 500.15991521 [MHz]
X_sweep         = 15.625 [kHz]
X_resolution    = 0.47683716 [Hz]
Irr_domain      = 1H
Irr_offset      = 5.0 [ppm]
Irr_freq        = 500.15991521 [MHz]
Tri_domain      = 1H
Tri_offset      = 5.0 [ppm]
Tri_freq        = 500.15991521 [MHz]
X_acq_duration  = 2.097152 [s]
Digital_filter  = TRUE
Filter_factor   = 32
Ac version      = 1
Delay_of_start  = 1.99999974 [s]
Actual_start_time = 24-MAY-2023 18:1
Acq_delay       = 5.5 [us]
Digital_filter_status = 2P
Clipped         = TRUE
Dc_balanced     = FALSE
X90             = 10.50092 [us]
Irr90           = 10.50092 [us]
Tri90           = 10 [us]
Qua90           = 10 [us]
Qui90           = 10 [us]
Sex90           = 10 [us]
Sep90           = 10 [us]
Oct90           = 10 [us]
Mon90           = 10 [us]
Dec90           = 10 [us]
X90_hi          = 92 [us]
Irr90_hi        = 92 [us]
Tri90_hi        = 10 [us]
Qua90_hi        = 10 [us]
Qui90_hi        = 10 [us]
Sex90_hi        = 10 [us]
Sep90_hi        = 10 [us]
Oct90_hi        = 10 [us]
Mon90_hi        = 10 [us]
Dec90_hi        = 10 [us]
X90_lo          = 92 [us]
Irr90_lo        = 92 [us]
Tri90_lo        = 10 [us]
Qua90_lo        = 10 [us]
Qui90_lo        = 10 [us]
Sex90_lo        = 10 [us]
Sep90_lo        = 10 [us]
Oct90_lo        = 10 [us]
Mon90_lo        = 10 [us]

```



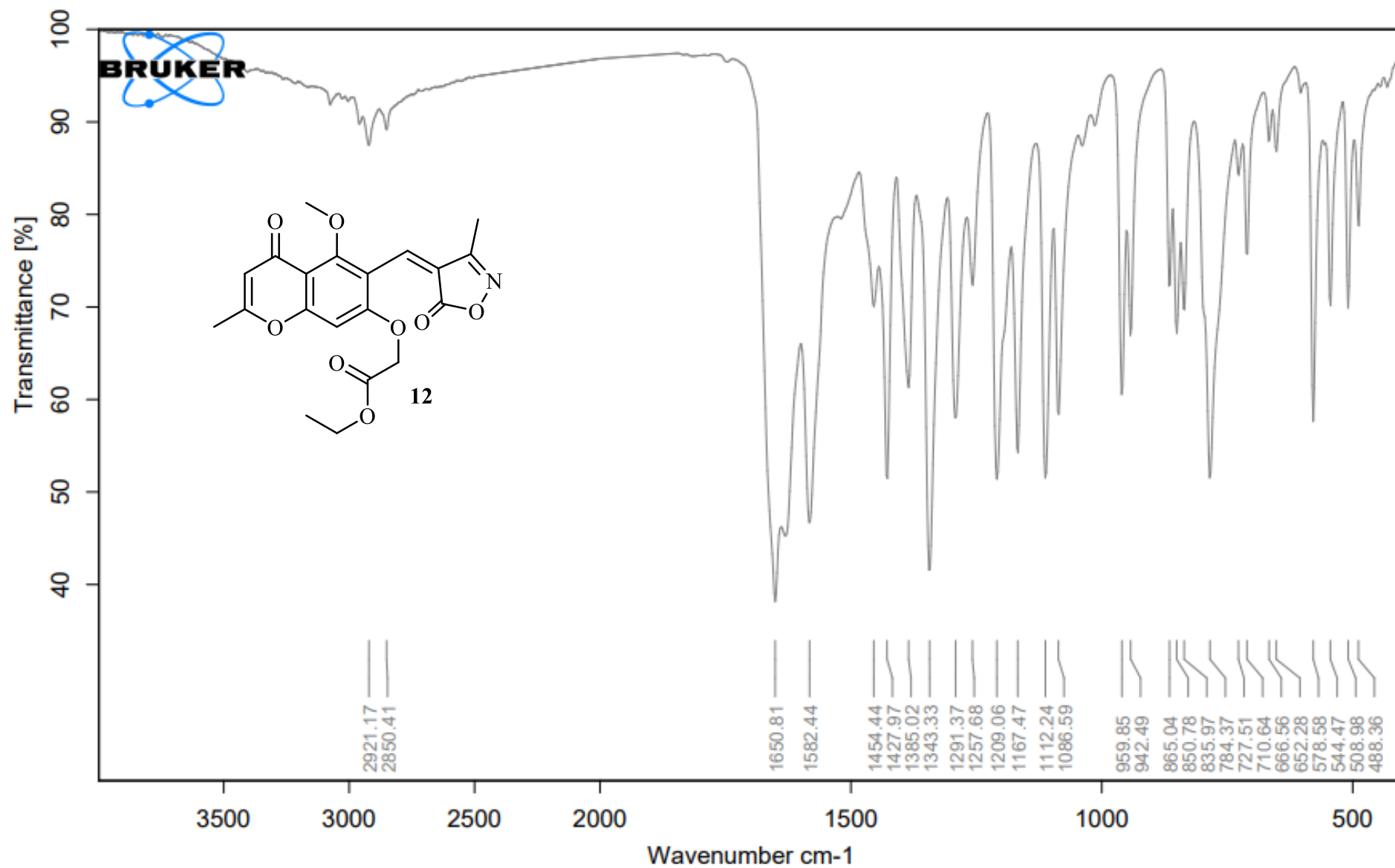
(ft on stand db)

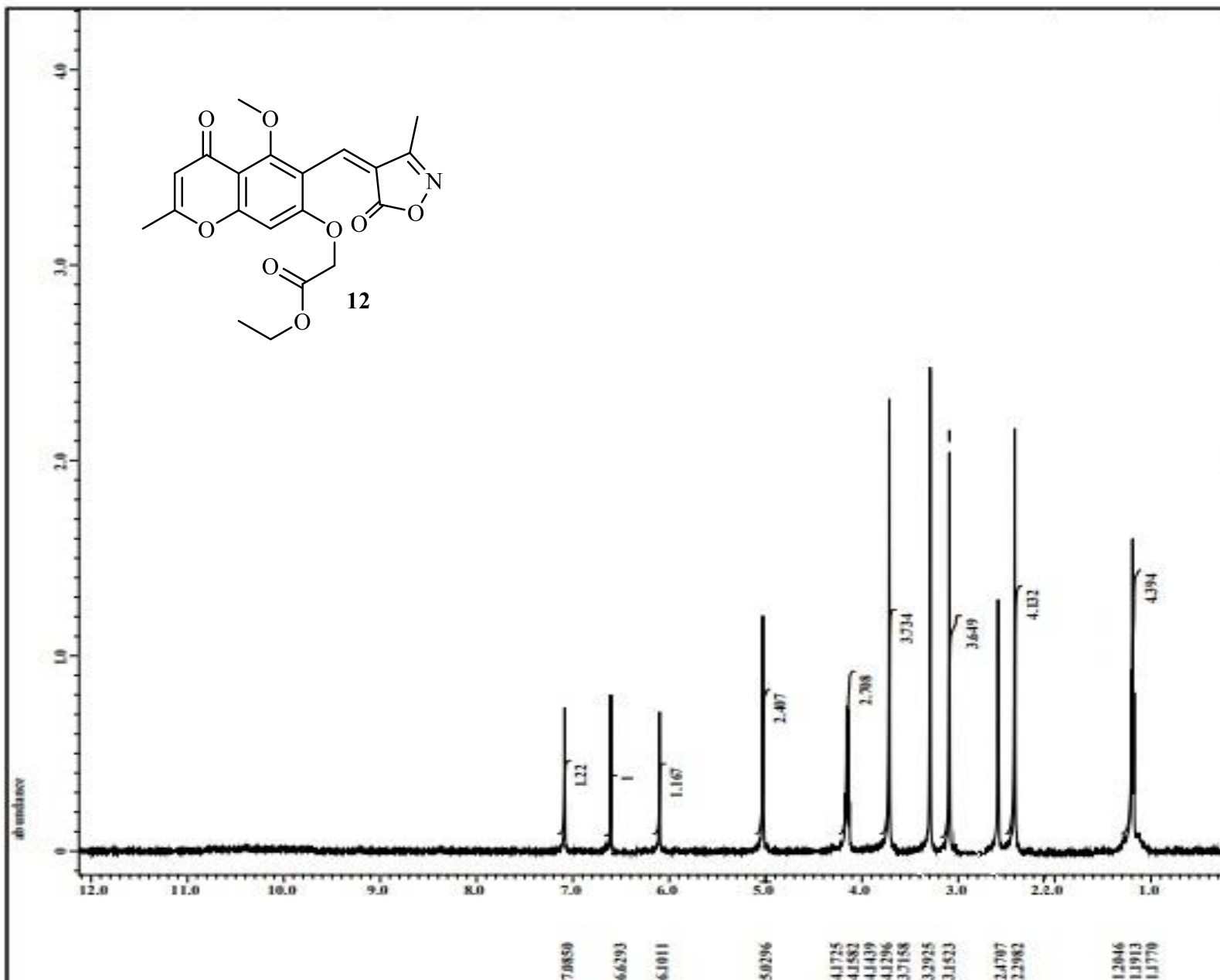
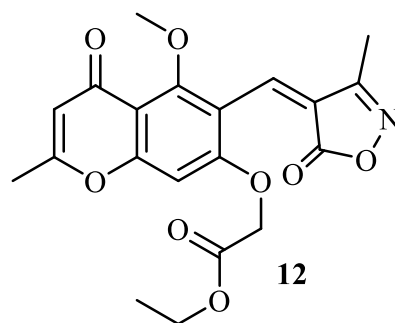


X : parts per Million : 13C



Author = delta3
 Content = AV14-DMSO-13C
 Creation time = 31-MAY-2023 15:3
 Current time = 17-JUL-2023 12:3
 Data format = 1D REAL
 Dim size = 26214
 Dim title = 13C
 Dim units = [ppm]
 Dimensions = X
 Filename = AV14-HEBA ABOSAL
 Machine = scc
 Revision time = 17-JUL-2023 12:3
 Sample_id = AV14-DMSO-13C
 Site = ECA500 (Datum BL
 Spectrometer = DELTA2 NMR
 Scans = 1405
 Mod return = 1
 Total scans = 1405
 X points = 32768
 X prescans = 4
 X domain = 13C
 X offset = 100 [ppm]
 X freq = 125.76529768 [MHz]
 X sweep = 39.3081761 [kHz]
 X resolution = 1.19959034 [Hz]
 Irf domain = 1H
 Irf offset = 5.0 [ppm]
 Irf freq = 500.13991521 [MHz]
 X aeq duration = 0.83361792 [s]
 Digital filter = TRUE
 Filter factor = 8
 Af version = 1
 Delay of start = 1.99999974 [s]
 Actual start time = 31-MAY-2023 15:3
 Acq delay = 20.67 [us]
 Digital filter status = 2P
 Clipped = FALSE
 Dc balanced = FALSE
 X90 = 9 [us]
 Irr90 = 10.50092 [us]
 Tri90 = 10 [us]
 Qua90 = 10 [us]
 Qui90 = 10 [us]
 Sex90 = 10 [us]
 Sep90 = 10 [us]
 Oct90 = 10 [us]
 Non90 = 10 [us]
 Dec90 = 10 [us]
 X90 hi = 0.118 [ms]
 Irr90 hi = 92 [us]
 Tri90 hi = 10 [us]
 Qua90 hi = 10 [us]
 Qui90 hi = 10 [us]
 Sex90 hi = 10 [us]
 Sep90 hi = 10 [us]
 Oct90 hi = 10 [us]
 Non90 hi = 10 [us]
 Dec90 hi = 10 [us]
 X90 lo = 0.118 [ms]
 Irr90 lo = 92 [us]
 Tri90 lo = 10 [us]
 Qua90 lo = 10 [us]
 Qui90 lo = 10 [us]
 Sex90 lo = 10 [us]
 Sep90 lo = 10 [us]
 Oct90 lo = 10 [us]
 Non90 lo = 10 [us]
 Dec90 lo = 10 [us]
 X90 spin = 1 [us]
 Irr90 spin = 38 [us]





X : parts per Million : 1H

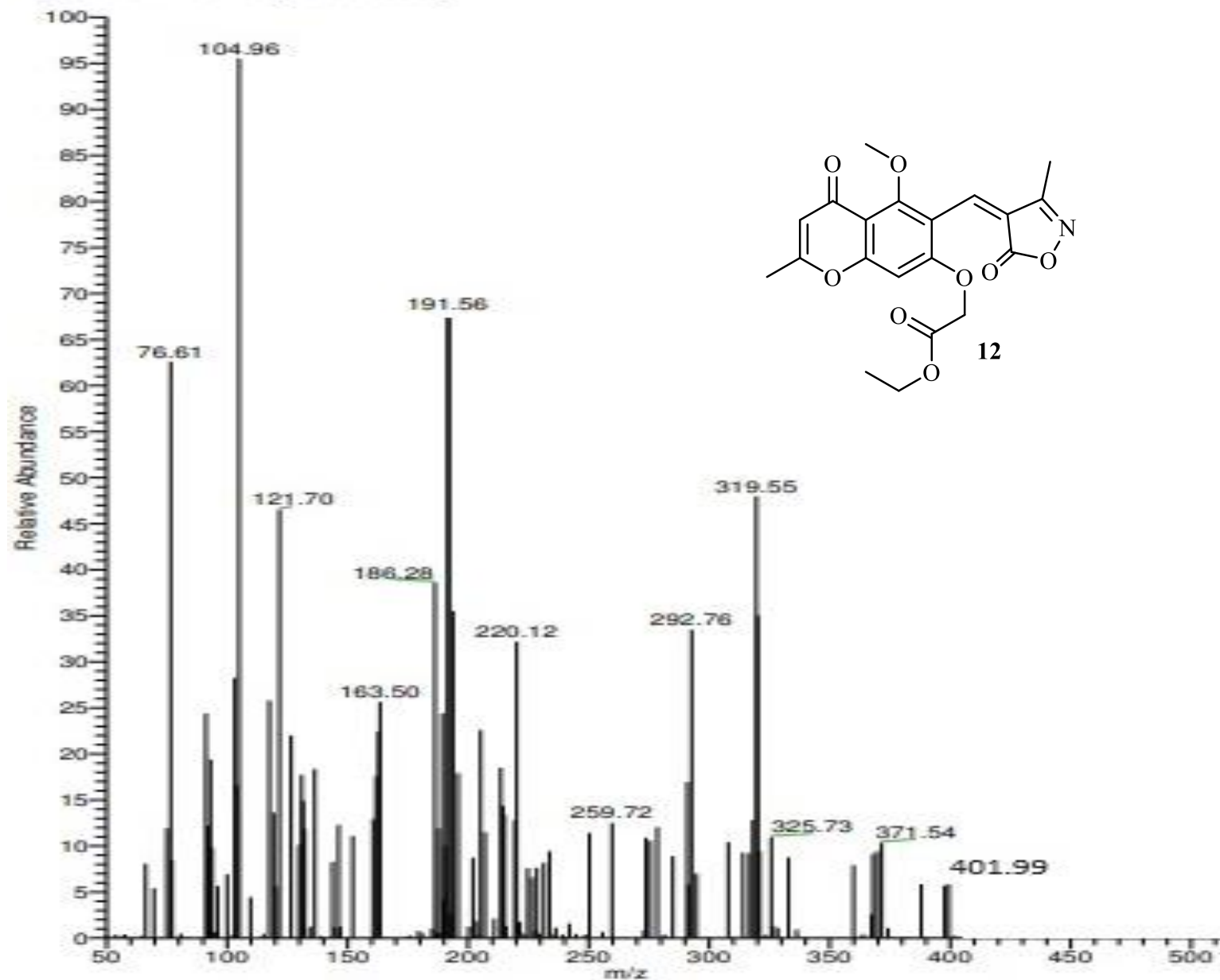


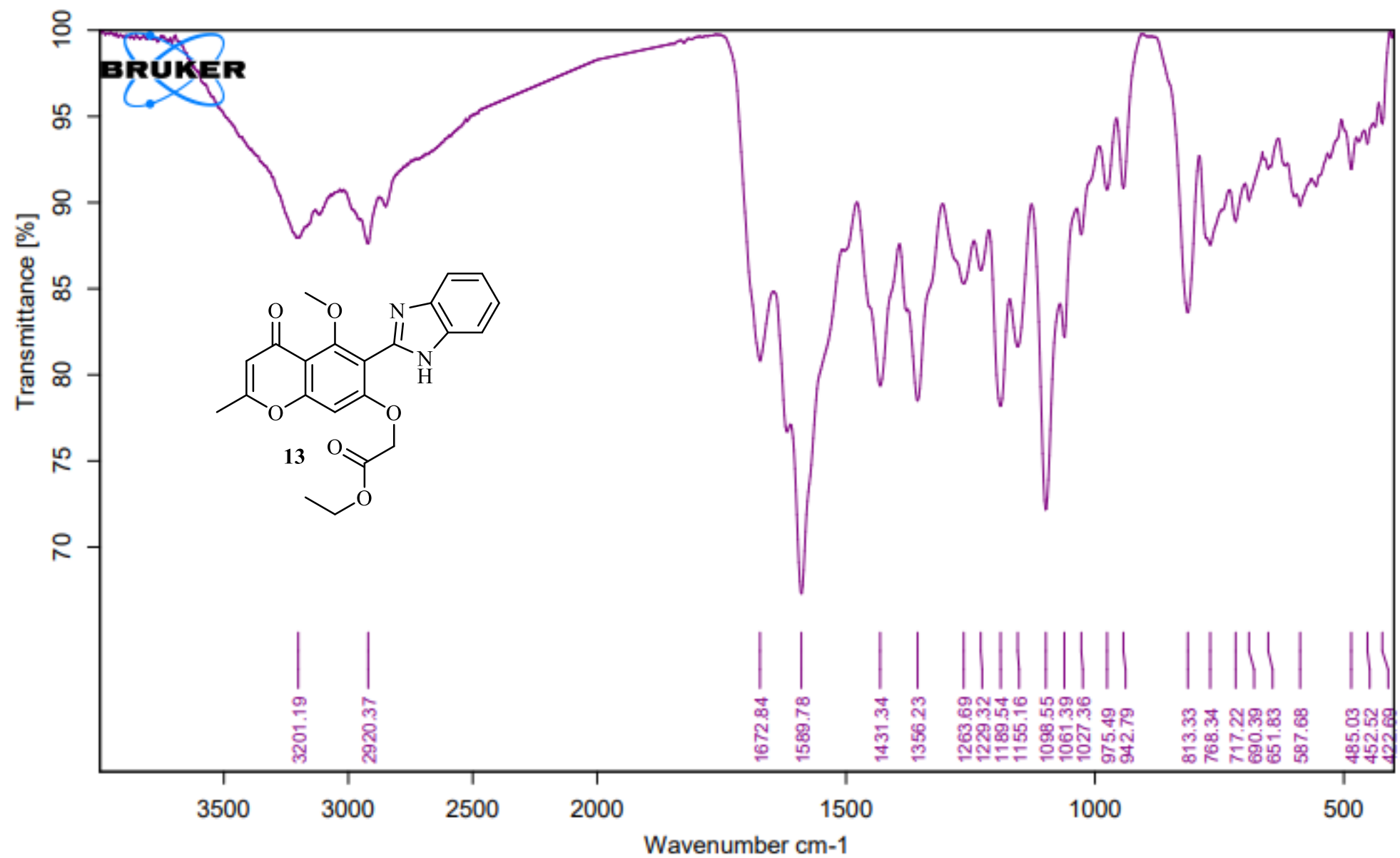
```

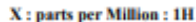
Author      = delta3
Content     = HEDA ABOSALEM/HE
Creation time = 24-MAY-2023 18:2
Current time  = 24-MAY-2023 12:1
Data format  = 1D_REAL
Dim size     = 26214
Dim title    = 1H
Dim units    = [ppm]
Dimensions   = X
Filename     = AV14-DM50-1H-5.j
Machine      = scc
Revision time = 24-MAY-2023 12:1
Sample_id    = HEDA ABOSALEM/HE
Site        = ECA500 (Datum BL)
Spectrometer = DELTA2_MM
Scans        = 17
Mod return   = 1
Total scans  = 17
X_points     = 32768
X_prescans   = 1
X_domain     = 1H
X_offset     = 5.0[ppm]
X_freq       = 500.15991521[MHz]
X_sweep      = 15.625[kHz]
X_resolution = 0.47683716[Hz]
IF1_domain   = 1H
Irr_offset   = 5.0[ppm]
Irr_freq     = 500.15991521[MHz]
Tri_domain   = 1H
Tri_offset   = 5.0[ppm]
Tri_freq     = 500.15991521[MHz]
X_acq_duration = 2.097152[s]
Digital filter = TRUE
Filter factor = 32
Ac version    = 1
Delay of start = 1.99999974[s]
Actual_start_time = 24-MAY-2023 18:1
Acq_delay     = 5.5[us]
Digital_filter_status = 2P
Clipped       = TRUE
Dc balanced   = FALSE
X90           = 10.50092[us]
Irr90         = 10.50092[us]
Tri90         = 10[us]
Qua90         = 10[us]
Qui90         = 10[us]
Sex90         = 10[us]
Sep90         = 10[us]
Oct90         = 10[us]
Non90         = 10[us]
Dec90         = 10[us]
X90_hi        = 92[us]
Irr90_hi      = 92[us]
Tri90_hi      = 10[us]
Qua90_hi      = 10[us]
Qui90_hi      = 10[us]
Sex90_hi      = 10[us]
Sep90_hi      = 10[us]
Oct90_hi      = 10[us]
Non90_hi      = 10[us]
Dec90_hi      = 10[us]
X90_lo        = 92[us]
Irr90_lo      = 92[us]
Tri90_lo      = 10[us]
Qua90_lo      = 10[us]
Qui90_lo      = 10[us]
Sex90_lo      = 10[us]
Sep90_lo      = 10[us]
Oct90_lo      = 10[us]
Non90_lo      = 10[us]

```

Heba-VSB #1104 RT: 3.79 AV: 1 NL: 1.90E3
T: [0.0] + c EI Full ms [50.00-550.00]



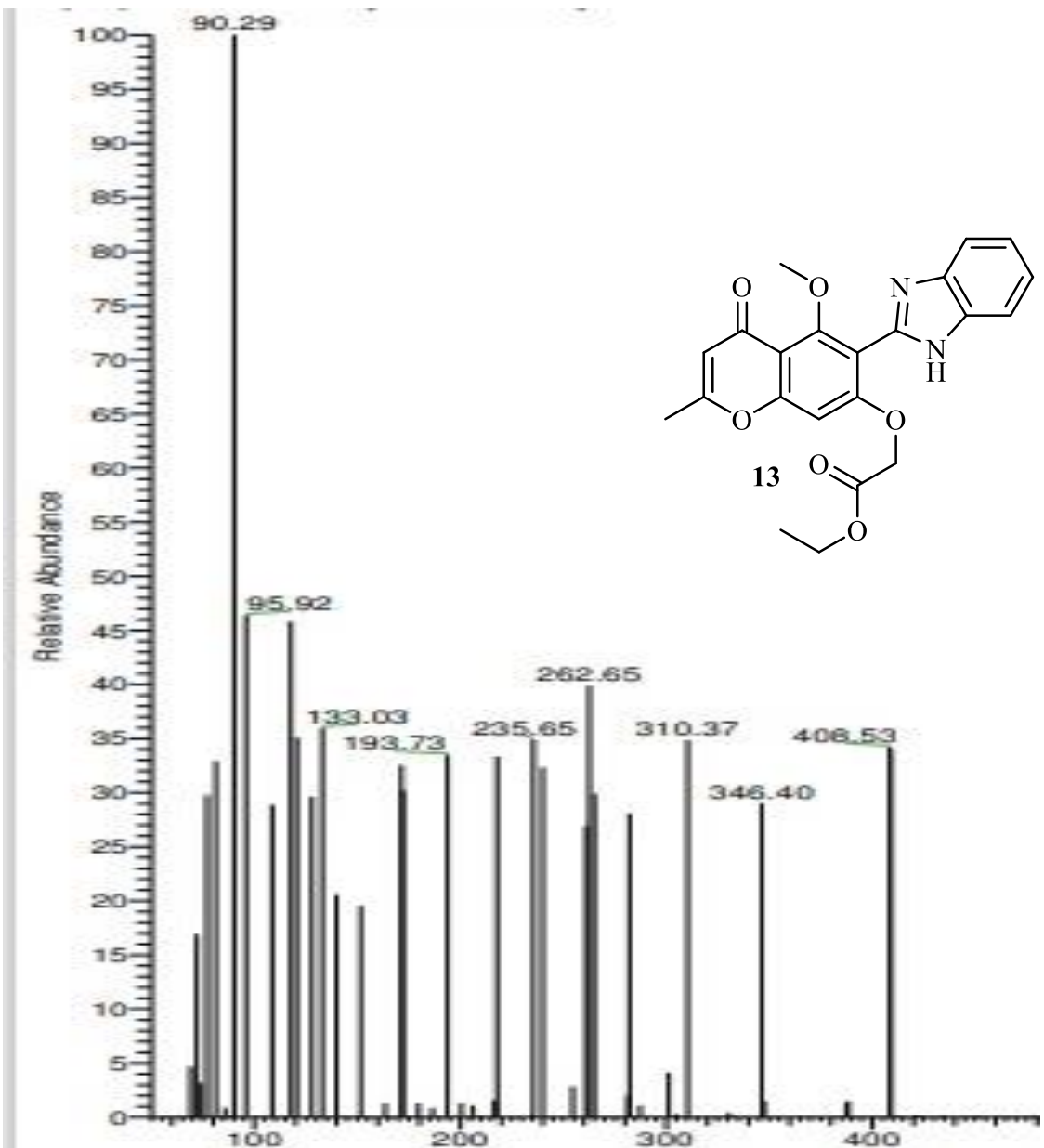


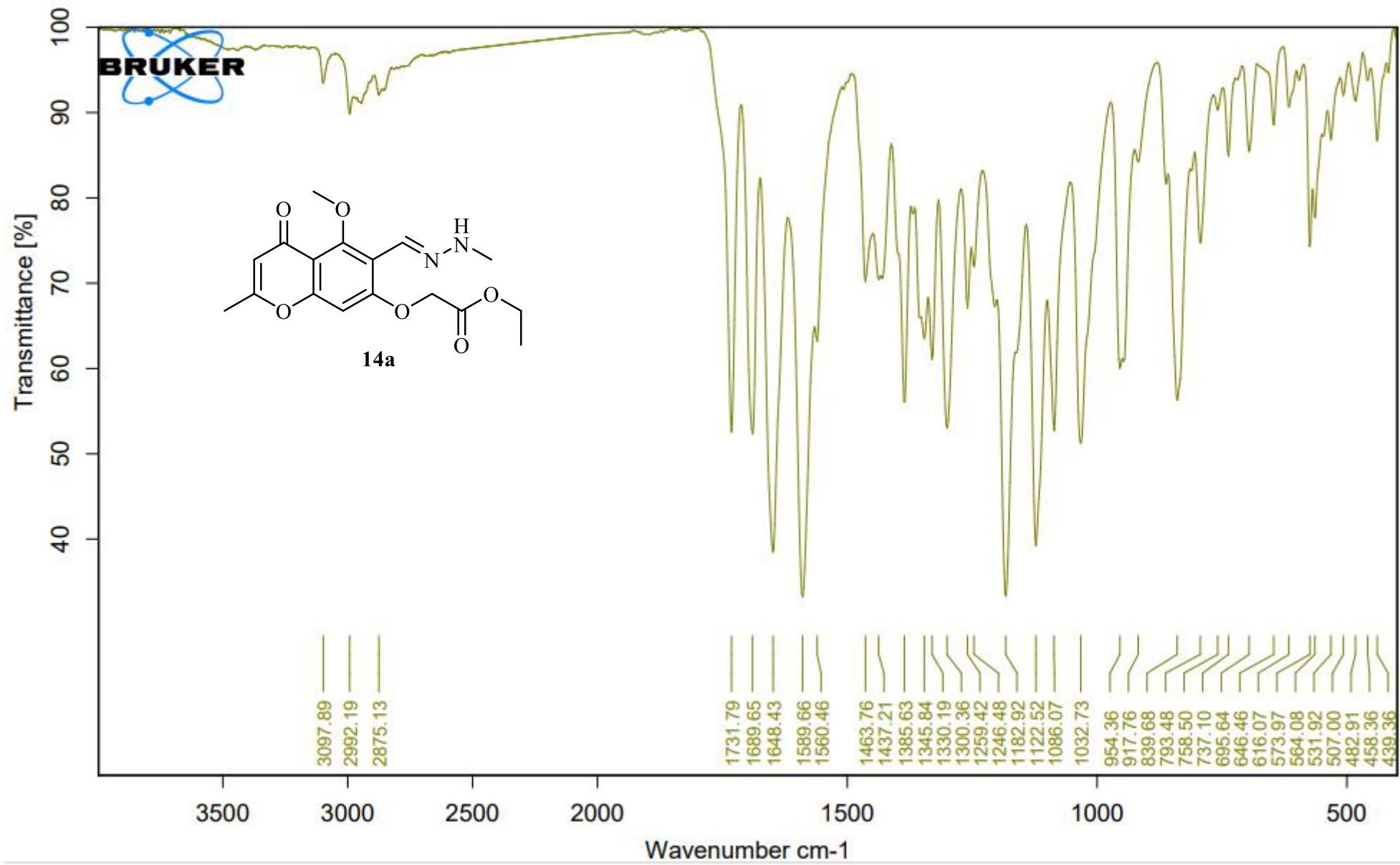


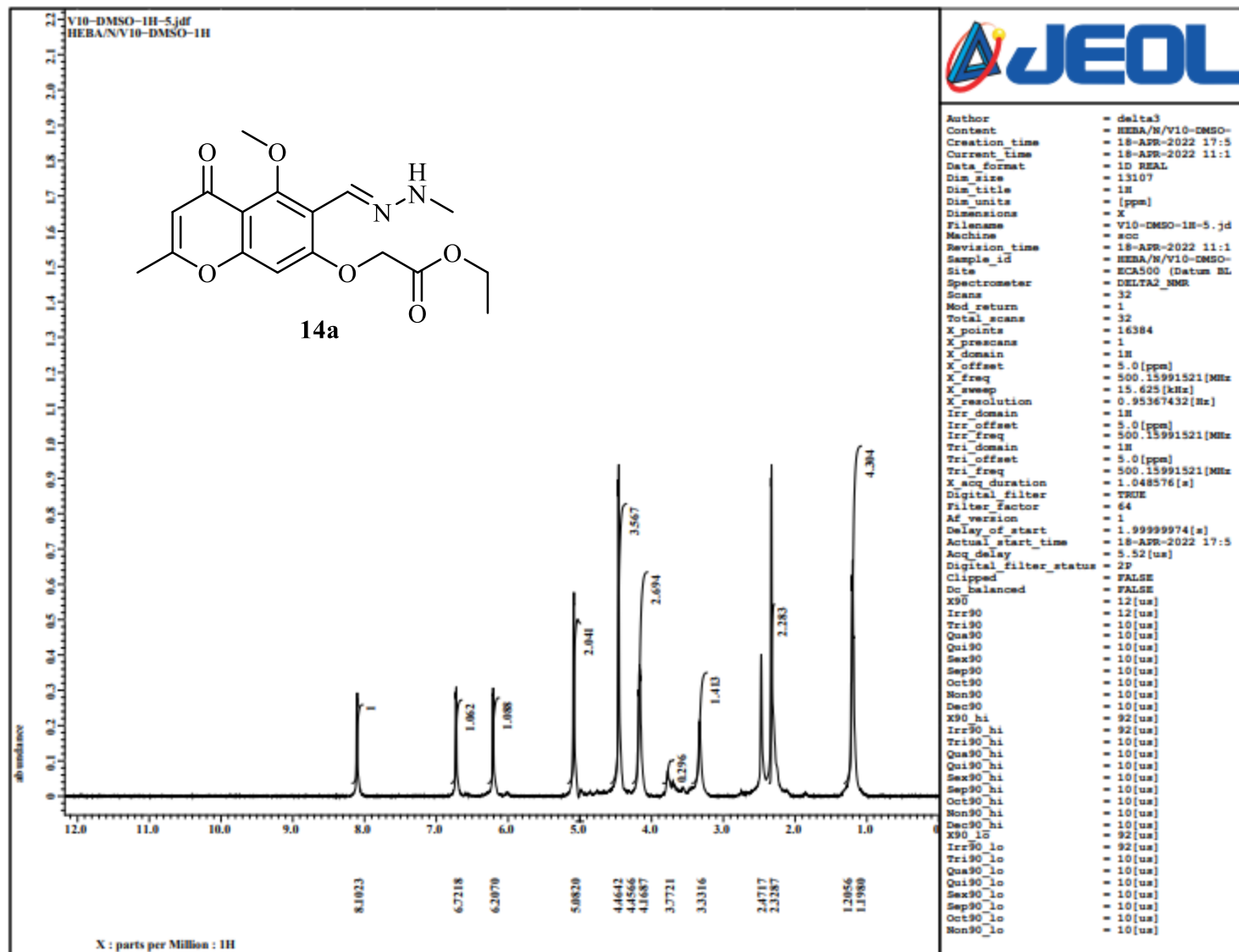
```

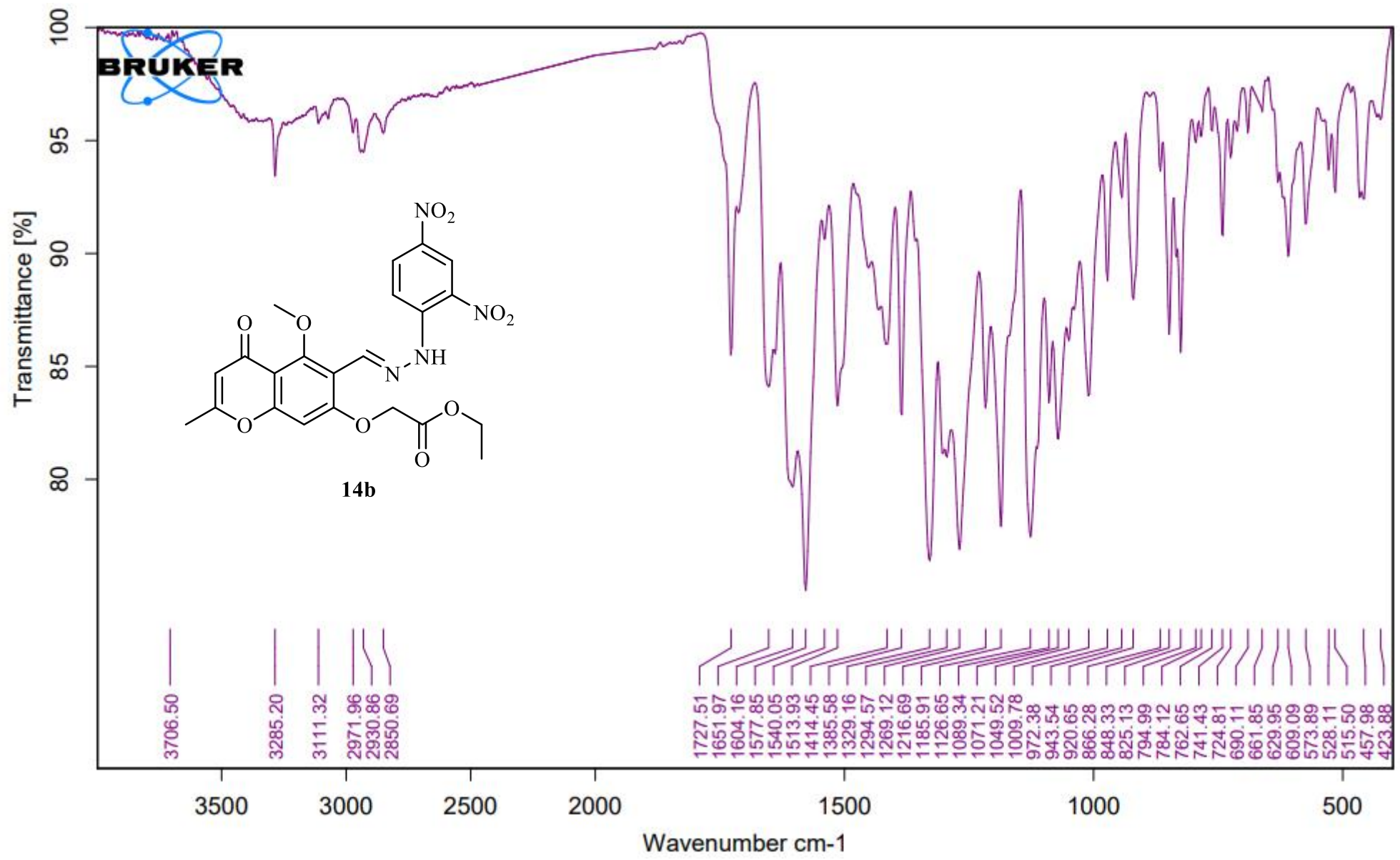
Author - delta3
Content - HEBA/H26-2/V17-D
Creation_time - 26-FEB-2023 19:3
Current_time - 26-FEB-2023 13:1
Dat_format - 1D REAL
Dim_size - 26214
Dim_title - 1N
Dim_units - [ppm]
Dimensions - 1X
Filename - V17-DMSO-1N-5.jd
Machine - acc
Revision_time - 26-FEB-2023 13:1
Sample_id - HEBA/H26-2/V17-D
Site - ECA500 (Datum BL
Spectrometer - DELTA2 500M
Scans - 37
Mod_return - 1
Total_scans - 37
X_points - 32768
X_prescans - 1
X_domain - 1N
X_offset - 5.0[ppm]
X_freq - 500.15991521[MHz]
X_sweep - 15.625[kHz]
X_resolution - 0.47683716[Hz]
Irr_domain - 1N
Irr_offset - 5.0[ppm]
Irr_freq - 500.15991521[MHz]
Tri_domain - 1N
Tri_offset - 5.0[ppm]
Tri_freq - 500.15991521[MHz]
X_aqc_duration - 2.097152[s]
Digital_filter - TRUE
Filter_factor - 32
Af_version - 1
Delay_of_start - 1.99999974[s]
Actual_start_time - 26-FEB-2023 19:3
Acq_delay - 5.5[us]
Digital_filter_status - 2P
Clipped - TRUE
Dc_balanced - FALSE
X90 - 10.50092[us]
Irr90 - 10.50092[us]
Tri90 - 10[us]
Qua90 - 10[us]
Qui90 - 10[us]
Sex90 - 10[us]
Sep90 - 10[us]
Oct90 - 10[us]
Non90 - 10[us]
Dec90 - 10[us]
X90_hi - 92[us]
Irr90_hi - 92[us]
Tri90_hi - 10[us]
Qua90_hi - 10[us]
Qui90_hi - 10[us]
Sex90_hi - 10[us]
Sep90_hi - 10[us]
Oct90_hi - 10[us]
Non90_hi - 10[us]
Dec90_hi - 10[us]
X90_lo - 92[us]
Irr90_lo - 92[us]
Tri90_lo - 10[us]
Qua90_lo - 10[us]
Qui90_lo - 10[us]
Sex90_lo - 10[us]
Sep90_lo - 10[us]
Oct90_lo - 10[us]
Non90_lo - 10[us]

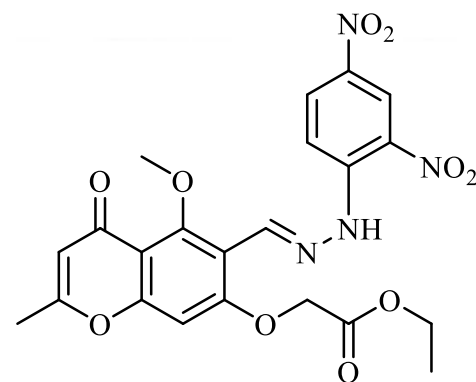
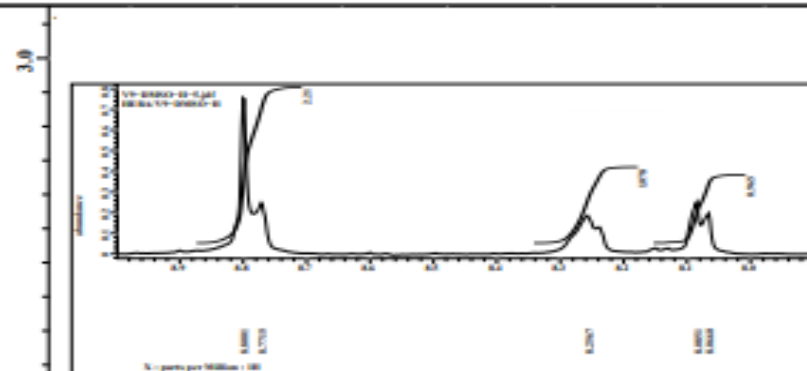
```



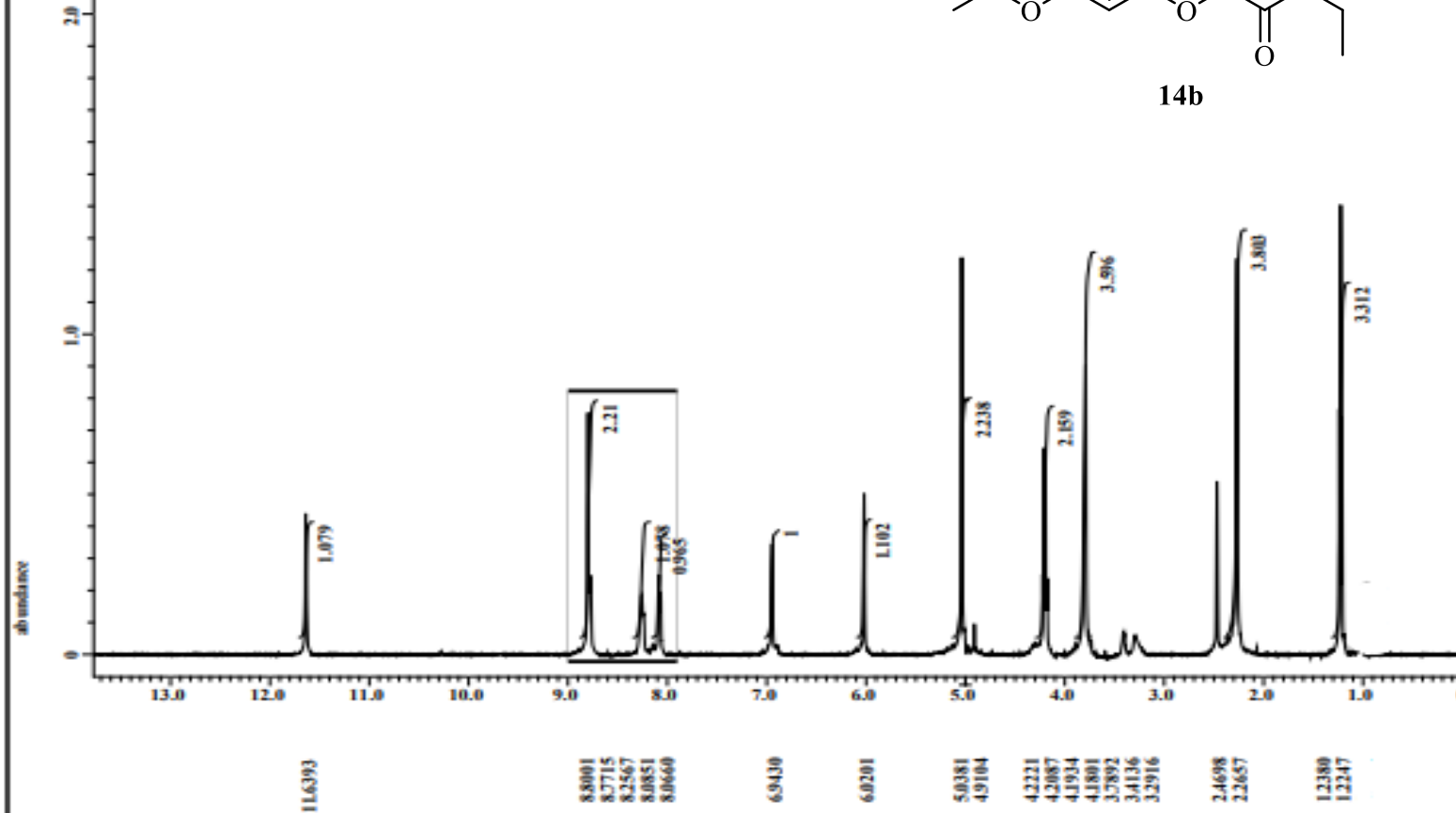








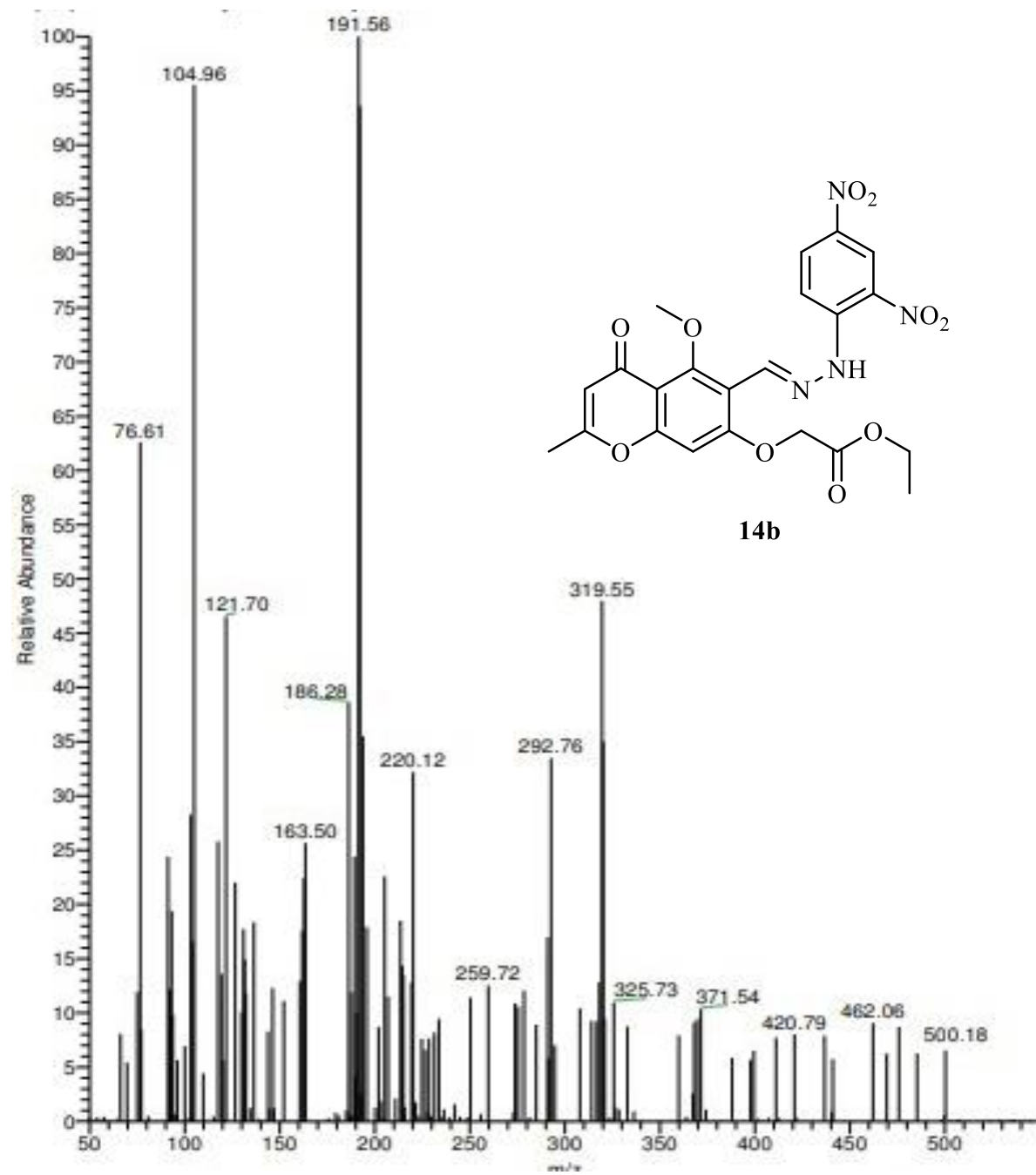
14b

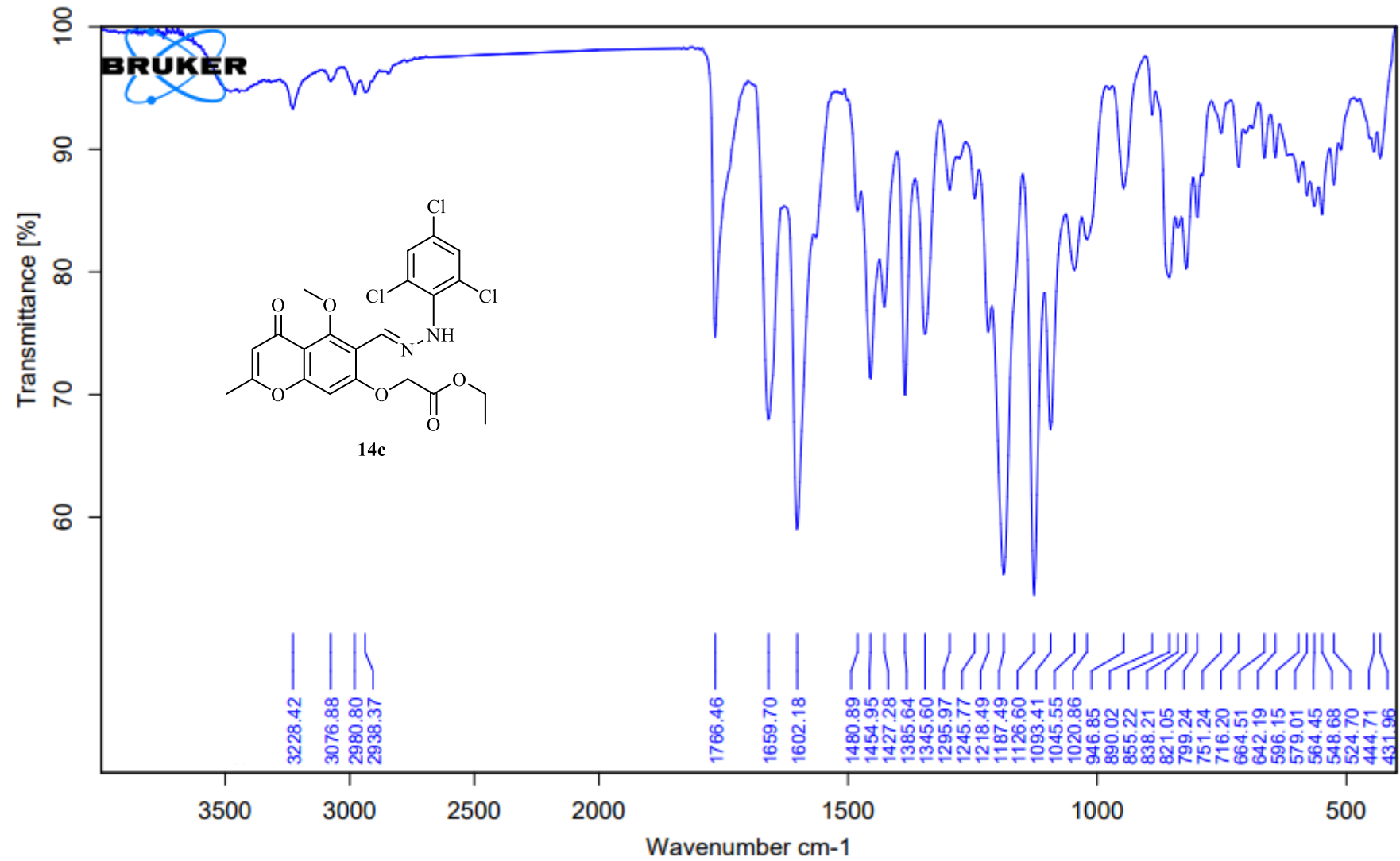


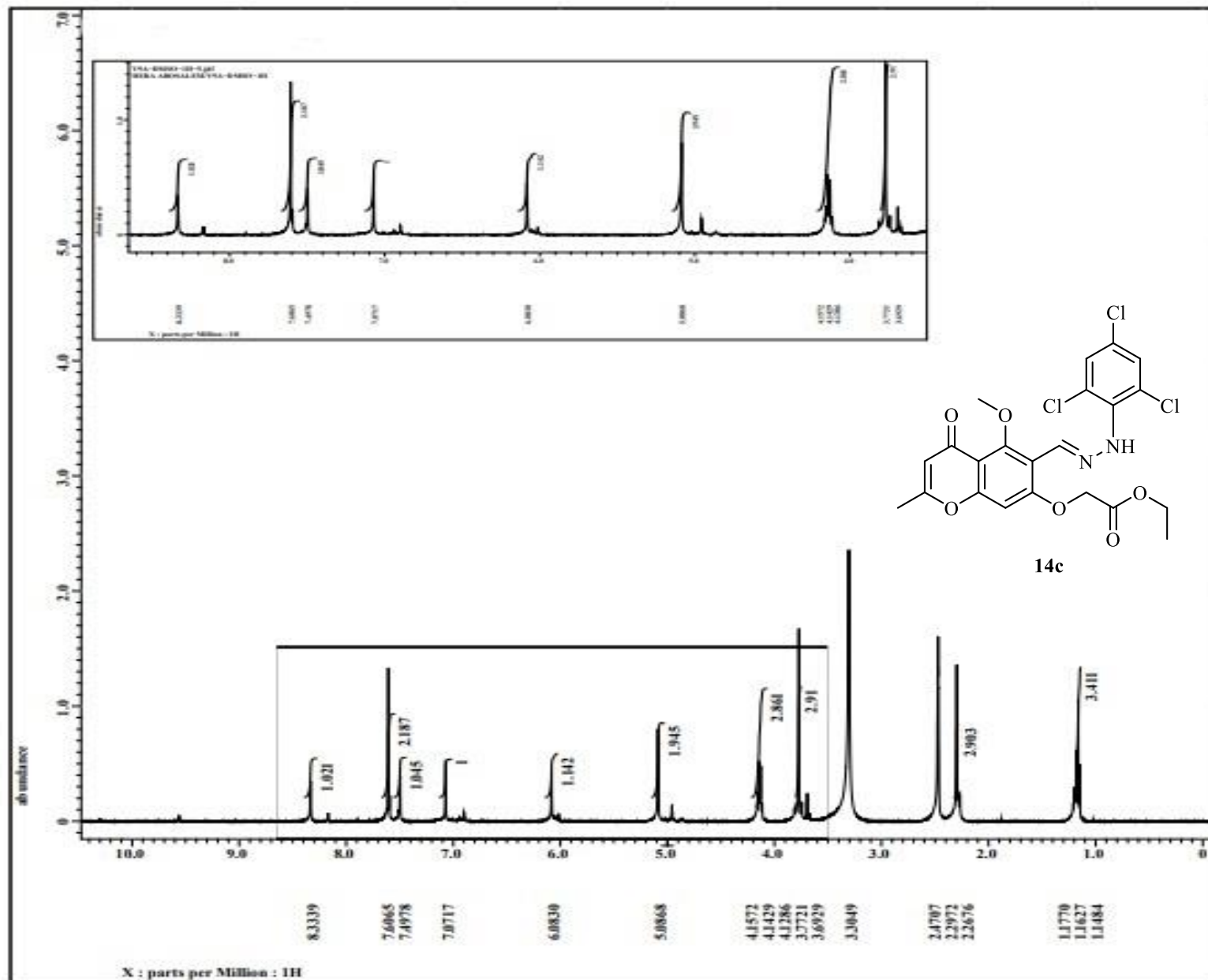
X : parts per Million : 1H

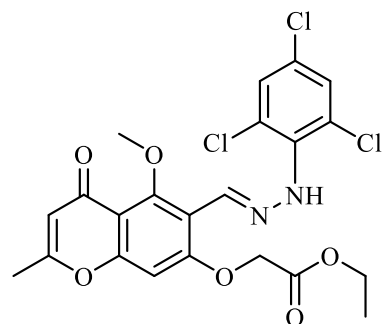
```

Author      = delta3
Content     = HEBA/V9-DMSO-H
Creation_time = 7-APR-2022 18:1
Current_time = 7-APR-2022 11:0
Data_format = 1D REAL
Dim_size    = 13107
Dim_title   = 1H
Dim_units   = [ppm]
Dimensions  = X
Filename    = V9-DMSO-H-5.jdf
Machine     = scc
Revision_time = 7-APR-2022 11:0
Sample_id   = HEBA/V9-DMSO-H
Site        = ECA500 (Datum BL)
Spectrometer = DELTA2_NMR
Scans       = 31
Mod_return  = 1
Total_scans = 31
X_points    = 16384
X_prescans  = 1
X_domain    = 1H
X_offset    = 5.0 [ppm]
X_freq      = 500.15991521 [MHz]
X_sweep     = 15.625 [kHz]
X_resolution = 0.95367432 [Hz]
Irr_domain  = 1H
Irr_offset  = 5.0 [ppm]
Irr_freq    = 500.15991521 [MHz]
Tri_domain  = 1H
Tri_offset  = 5.0 [ppm]
Tri_freq    = 500.15991521 [MHz]
X_acq_duration = 1.048576 [s]
Digital_filter = TRUE
Filter_Factor = 64
Af_version   = 1
Delay_of_start = 1.99999974 [s]
Actual_start_time = 7-APR-2022 18:1
Acq_delay    = 5.52 [us]
Digital_filter_status = 2P
Clipped      = FALSE
Dc_balanced  = FALSE
X90          = 12 [us]
Irr90        = 12 [us]
Tri90         = 10 [us]
Qua90         = 10 [us]
Qui90         = 10 [us]
Sex90         = 10 [us]
Sep90         = 10 [us]
Oct90         = 10 [us]
Non90         = 10 [us]
Dec90         = 10 [us]
X90_hi        = 92 [us]
Irr90_hi      = 92 [us]
Tri90_hi      = 10 [us]
Qua90_hi      = 10 [us]
Qui90_hi      = 10 [us]
Sex90_hi      = 10 [us]
Sep90_hi      = 10 [us]
Oct90_hi      = 10 [us]
Non90_hi      = 10 [us]
Dec90_hi      = 10 [us]
X90_lo        = 92 [us]
Irr90_lo      = 92 [us]
Tri90_lo      = 10 [us]
Qua90_lo      = 10 [us]
Qui90_lo      = 10 [us]
Sex90_lo      = 10 [us]
Sep90_lo      = 10 [us]
Oct90_lo      = 10 [us]
Non90_lo      = 10 [us]
  
```

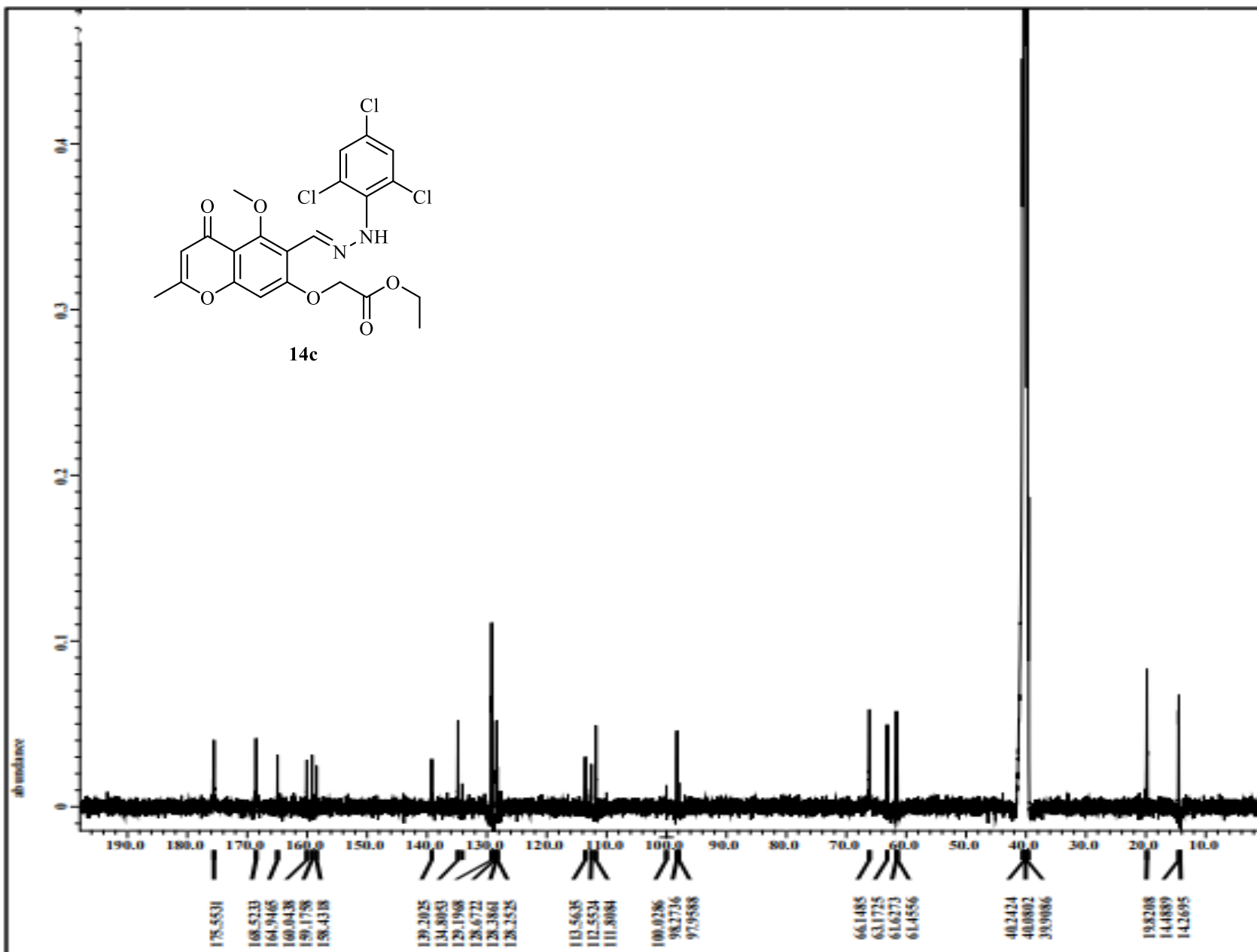








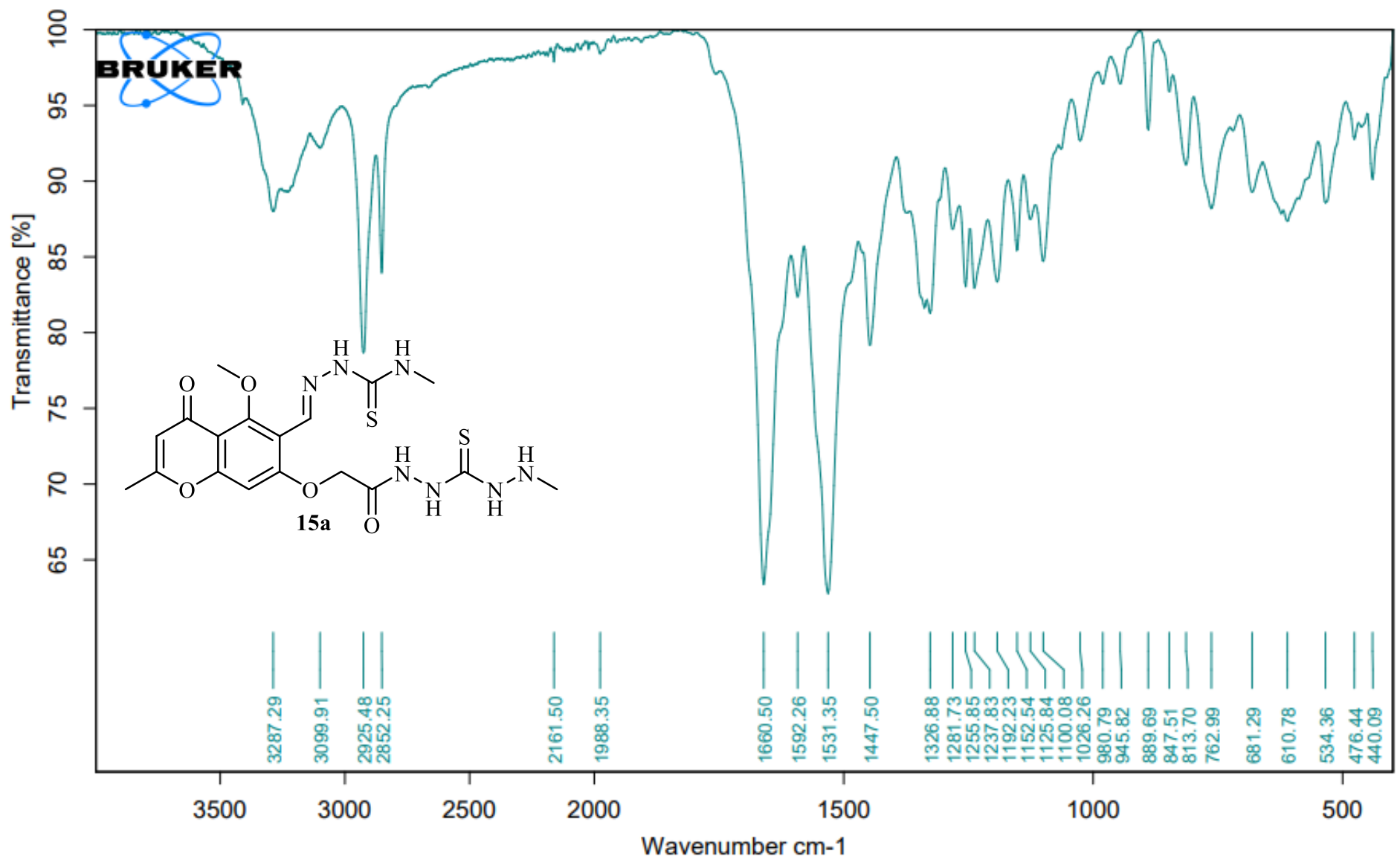
14c

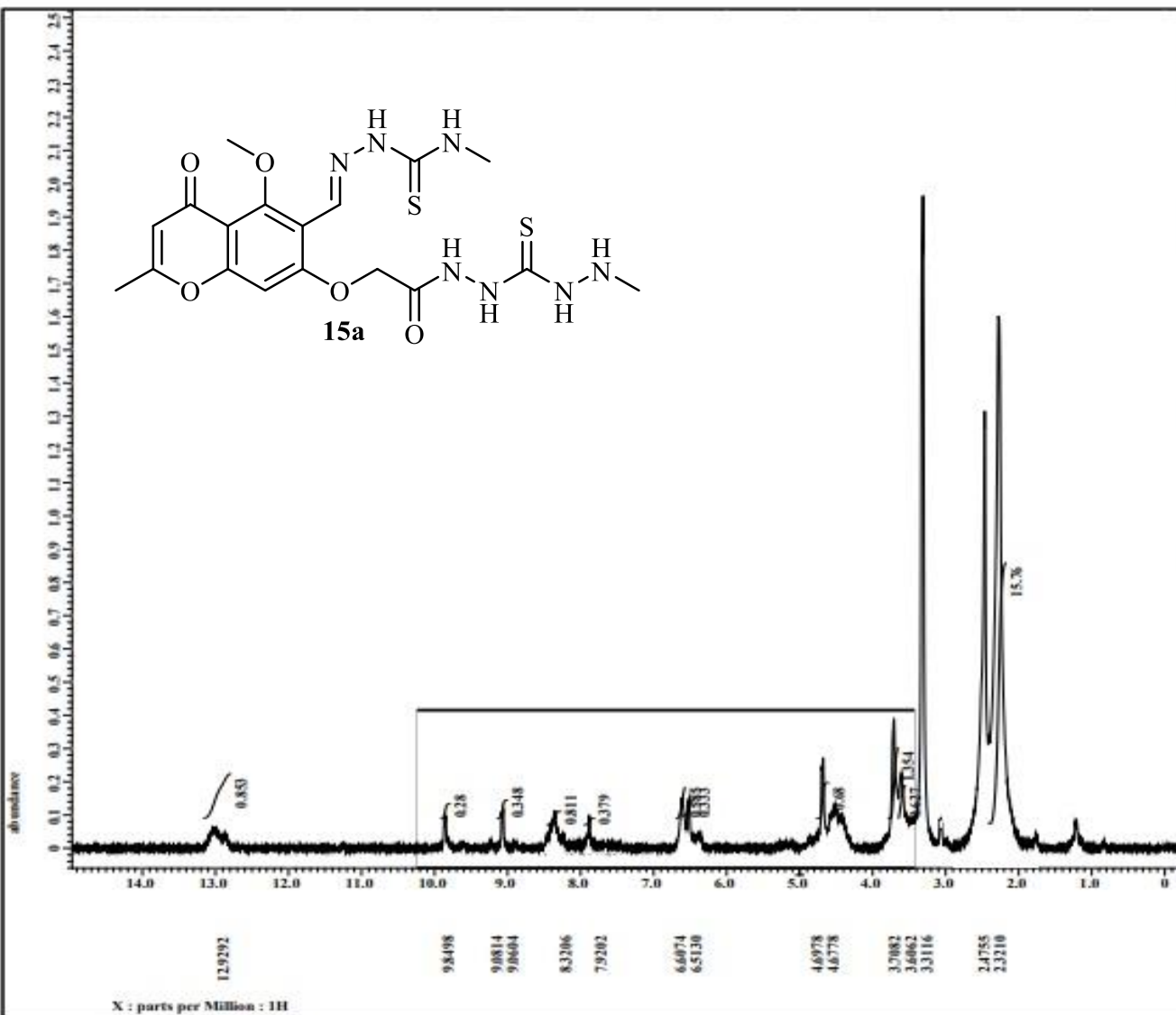


X : parts per Million : 13C

```

Author      = delta3
Content     = HESA ABOSALEM/V9
Creation time = 24-SEP-2023 18:2
Current Time = 1-OCT-2023 12:1
Data format = 1D REAL
Dim_size    = 26214
Dim_title   = 13C
Dim_units   = [ppm]
Dimensions  = X
Filename    = V9A-DMSO-13C-4.j
Machine     = scc
Revision time = 1-OCT-2023 12:1
Sample_id   = HESA ABOSALEM/V9
Site        = ECA500 (Datum BL
Spectrometer = DELTA2_500MR
Scans       = 1239
Mod return  = 1
Total_scans = 1239
X_points    = 32768
X_prescans  = 4
X_domain    = 13C
X_offset    = 100 [ppm]
X_freq      = 125.76529768 [MHz]
X_sweep     = 39.3081761 [kHz]
X_resolution = 1.19959034 [Hz]
Irr_domain  = 1H
Irr_offset  = 3.0 [ppm]
Irr_freq    = 500.15991521 [MHz]
X_acq_duration = 0.83361792 [s]
Digital_filter = TRUE
Filter_factor = 8
Af_version  = 1
Delay of start = 1.99999974 [s]
Actual_start_time = 24-SEP-2023 18:2
Acq_delay    = 20.67 [us]
Digital_filter_status = 2P
Clipped      = FALSE
Dc balanced  = FALSE
X90          = 9 [us]
Irr90        = 10.50092 [us]
Tri90        = 10 [us]
Qua90        = 10 [us]
Qui90        = 10 [us]
Sex90        = 10 [us]
Sep90        = 10 [us]
Oct90        = 10 [us]
Non90        = 10 [us]
Dec90        = 10 [us]
X90_hi       = 0.118 [ms]
Irr90_hi     = 92 [us]
Tri90_hi     = 10 [us]
Qua90_hi     = 10 [us]
Qui90_hi     = 10 [us]
Sex90_hi     = 10 [us]
Sep90_hi     = 10 [us]
Oct90_hi     = 10 [us]
Non90_hi     = 10 [us]
Dec90_hi     = 10 [us]
X90_lo       = 0.118 [ms]
Irr90_lo     = 92 [us]
Tri90_lo     = 10 [us]
Qua90_lo     = 10 [us]
Qui90_lo     = 10 [us]
Sex90_lo     = 10 [us]
Sep90_lo     = 10 [us]
Oct90_lo     = 10 [us]
Non90_lo     = 10 [us]
Dec90_lo     = 10 [us]
X90_aq_in    = 1 [us]
Irr90_aq_in  = 38 [us]
  
```

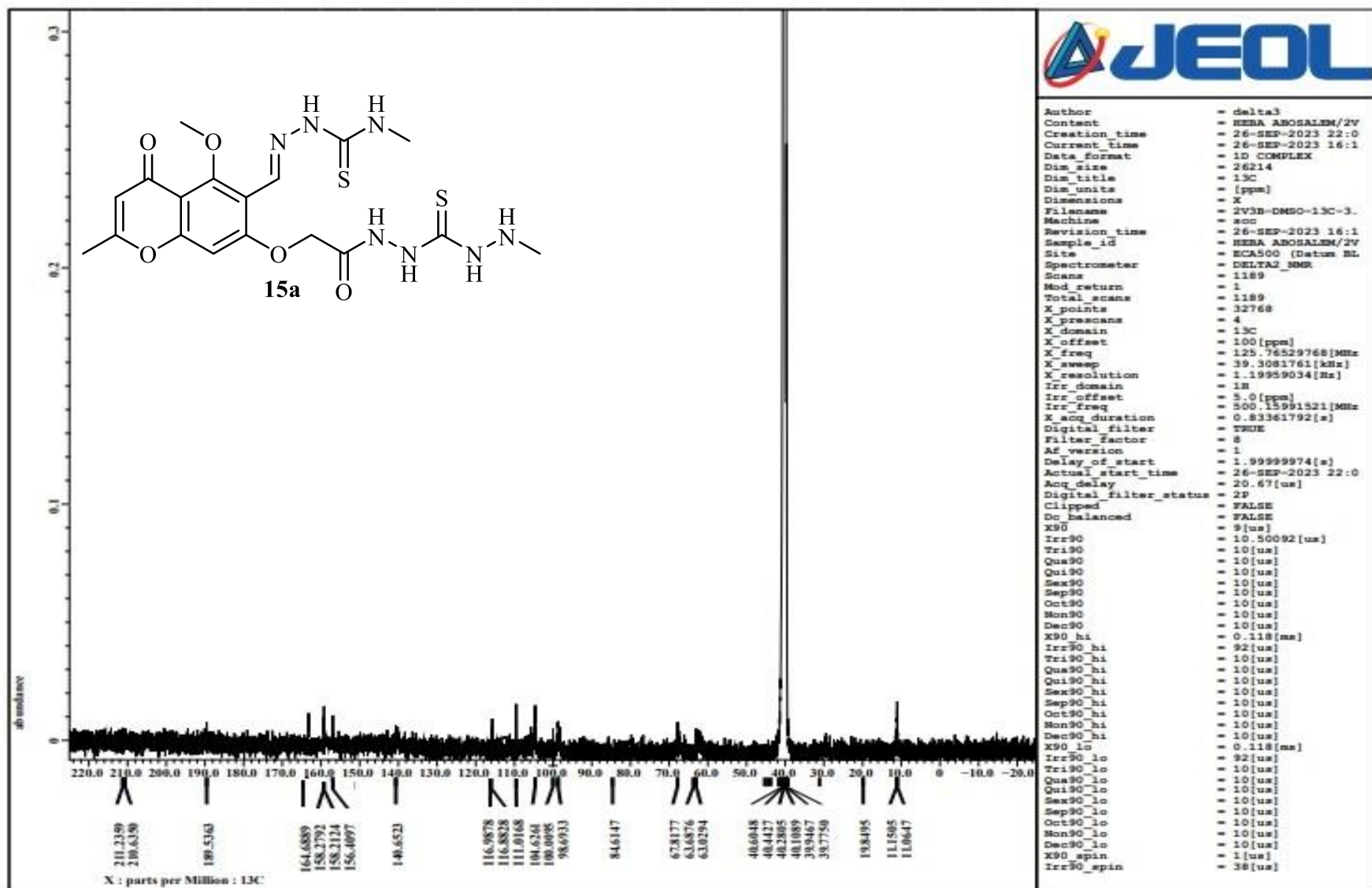


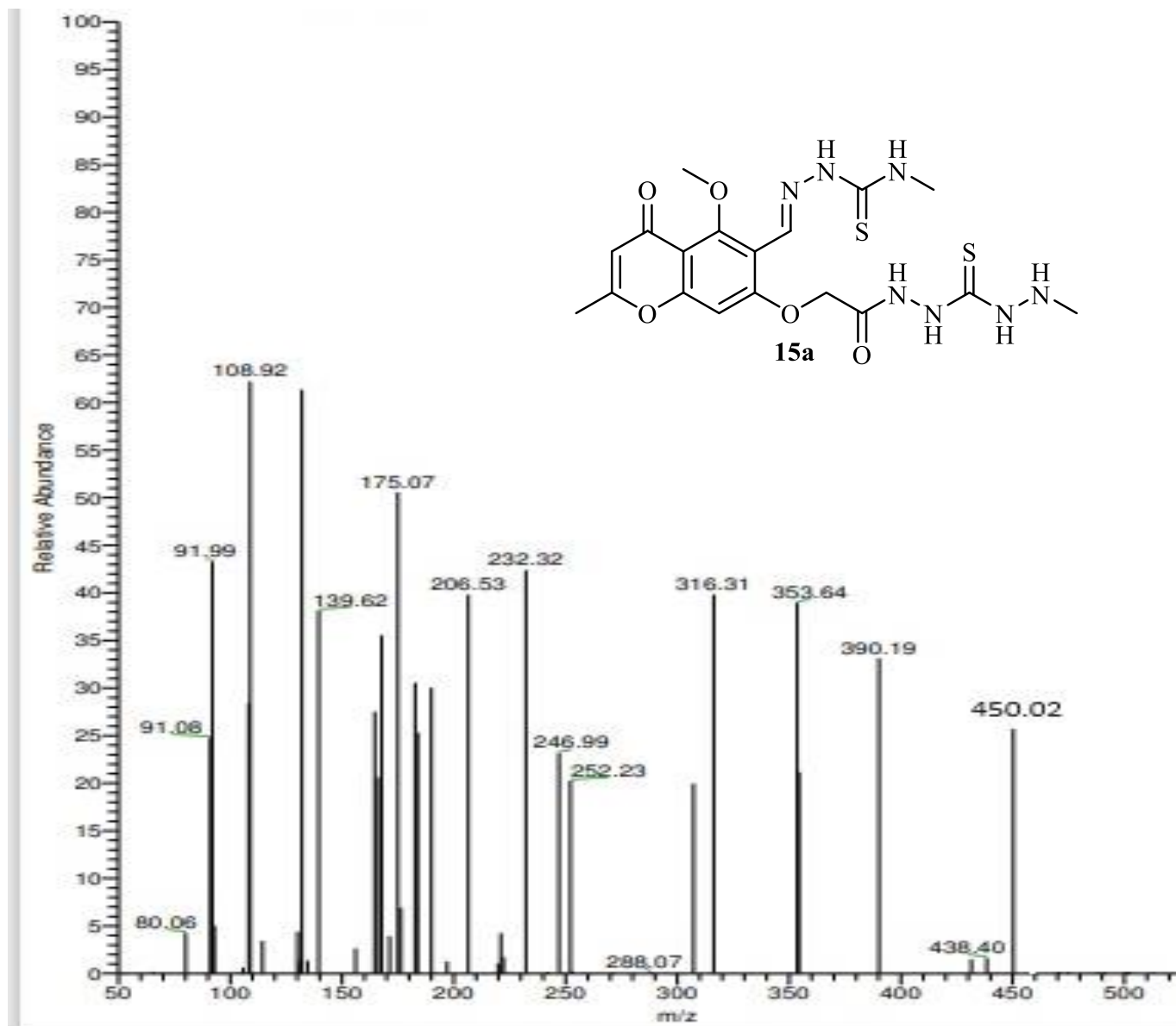


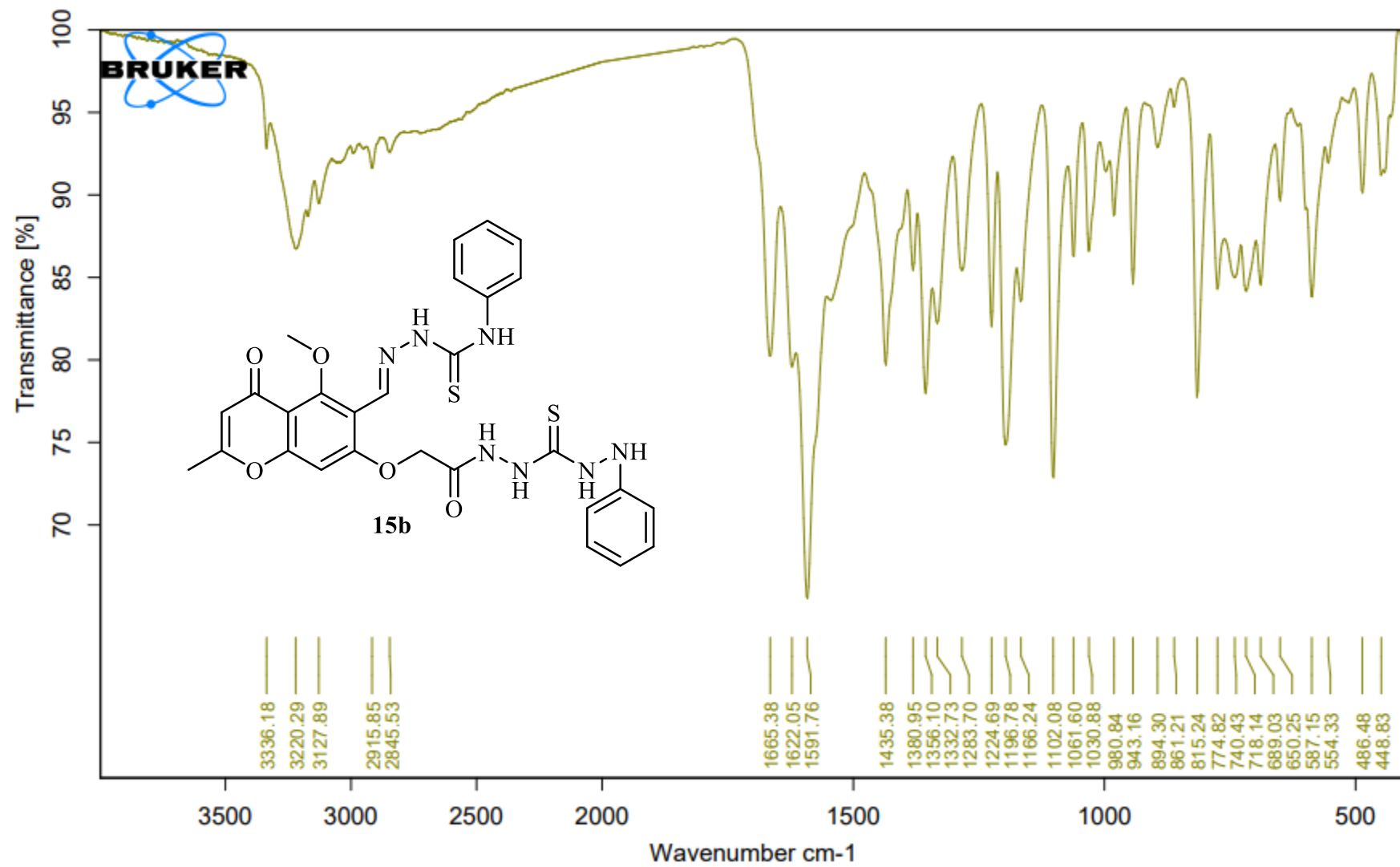
```

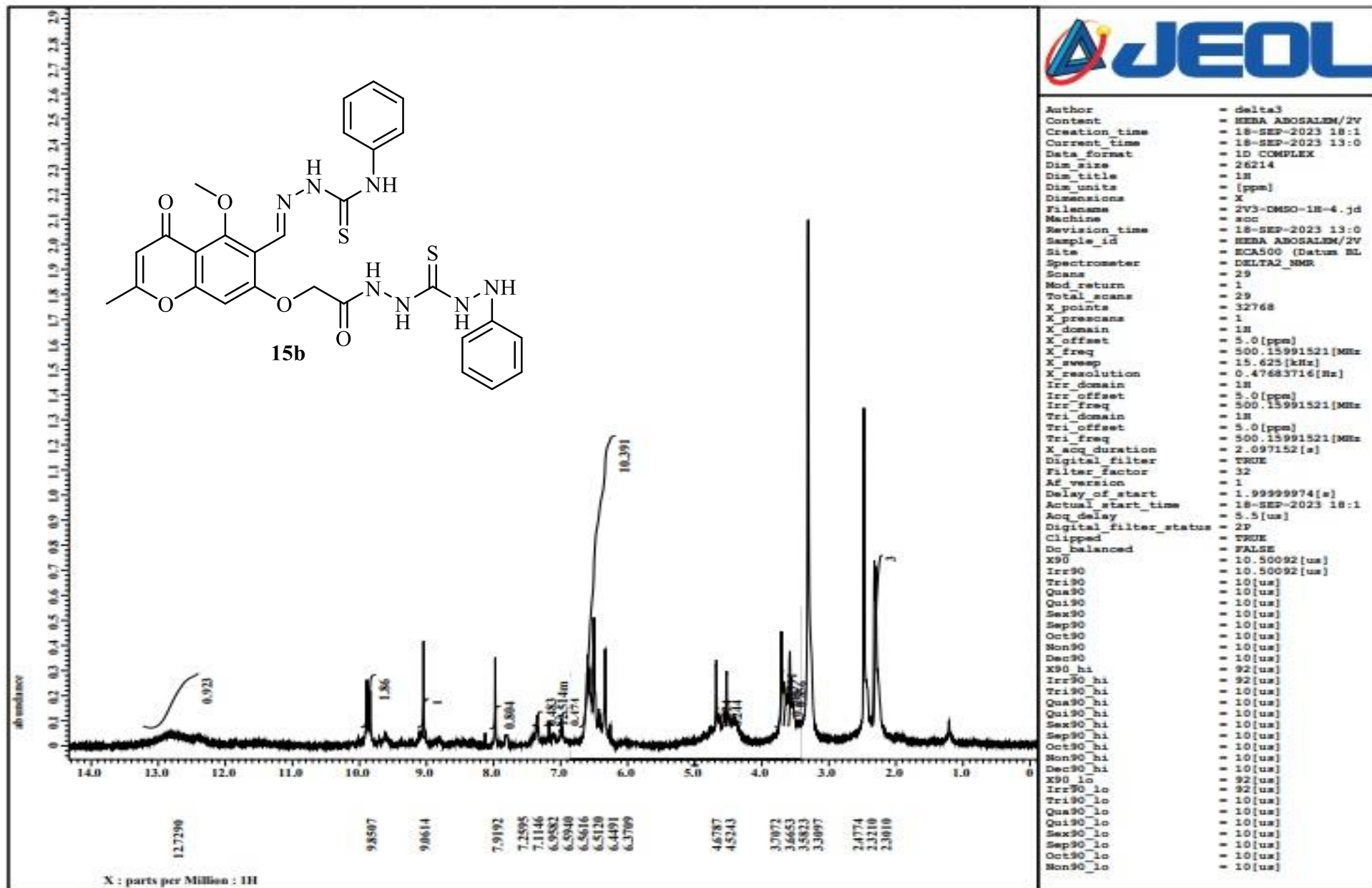
Author          = delta3
Content         = HESA ABOGALEM/2V
Creation time   = 18-SEP-2023 18:3
Current time    = 18-SEP-2023 12:4
Data format    = 1D REAL
Dim size       = 26214
Dim title      = 1H
Dim units      = [ppm]
Dimensions     = X
Filename       = 2V3B-DMSO-1B-5.j
Machine        = scc
Revision time   = 18-SEP-2023 12:4
Sample id      = HESA ABOGALEM/2V
Site           = ECA500 (Datum BL)
Spectrometer    = DELTA2_MMR
Scans          = 41
Mod return     = 1
Total scans    = 41
X_points       = 32768
X_prescans     = 1
X_domain       = 1H
X_offset       = 5.0 [ppm]
X_freq         = 500.15991521 [MHz]
X_sweep        = 15.625 [kHz]
X_resolution   = 0.47683716 [Hz]
1H_domain      = 1H
1H_offset      = 5.0 [ppm]
1H_freq        = 500.15991521 [MHz]
Tri_domain     = 1H
Tri_offset     = 5.0 [ppm]
Tri_freq       = 500.15991521 [MHz]
X_acq_duration = 2.097152 [s]
Digital filter = TRUE
Filter factor   = 32
Af version      = 1
Delay of start  = 1.99999974 [s]
Actual start time = 18-SEP-2023 18:3
Acq_delay       = 5.5 [us]
Digital filter status = 2P
Clipped        = TRUE
Dc balanced    = FALSE
X90            = 10.50092 [us]
Irr90          = 10.50092 [us]
Tri90          = 10 [us]
Qua90          = 10 [us]
Qui90          = 10 [us]
Sex90          = 10 [us]
Sep90          = 10 [us]
Oct90          = 10 [us]
Mon90          = 10 [us]
Dec90          = 10 [us]
X90_hi         = 92 [us]
Irr90_hi       = 92 [us]
Tri90_hi       = 10 [us]
Qua90_hi       = 10 [us]
Qui90_hi       = 10 [us]
Sex90_hi       = 10 [us]
Sep90_hi       = 10 [us]
Oct90_hi       = 10 [us]
Mon90_hi       = 10 [us]
Dec90_hi       = 10 [us]
X90_lo         = 92 [us]
Irr90_lo       = 92 [us]
Tri90_lo       = 10 [us]
Qua90_lo       = 10 [us]
Qui90_lo       = 10 [us]
Sex90_lo       = 10 [us]
Sep90_lo       = 10 [us]
Oct90_lo       = 10 [us]
Mon90_lo       = 10 [us]

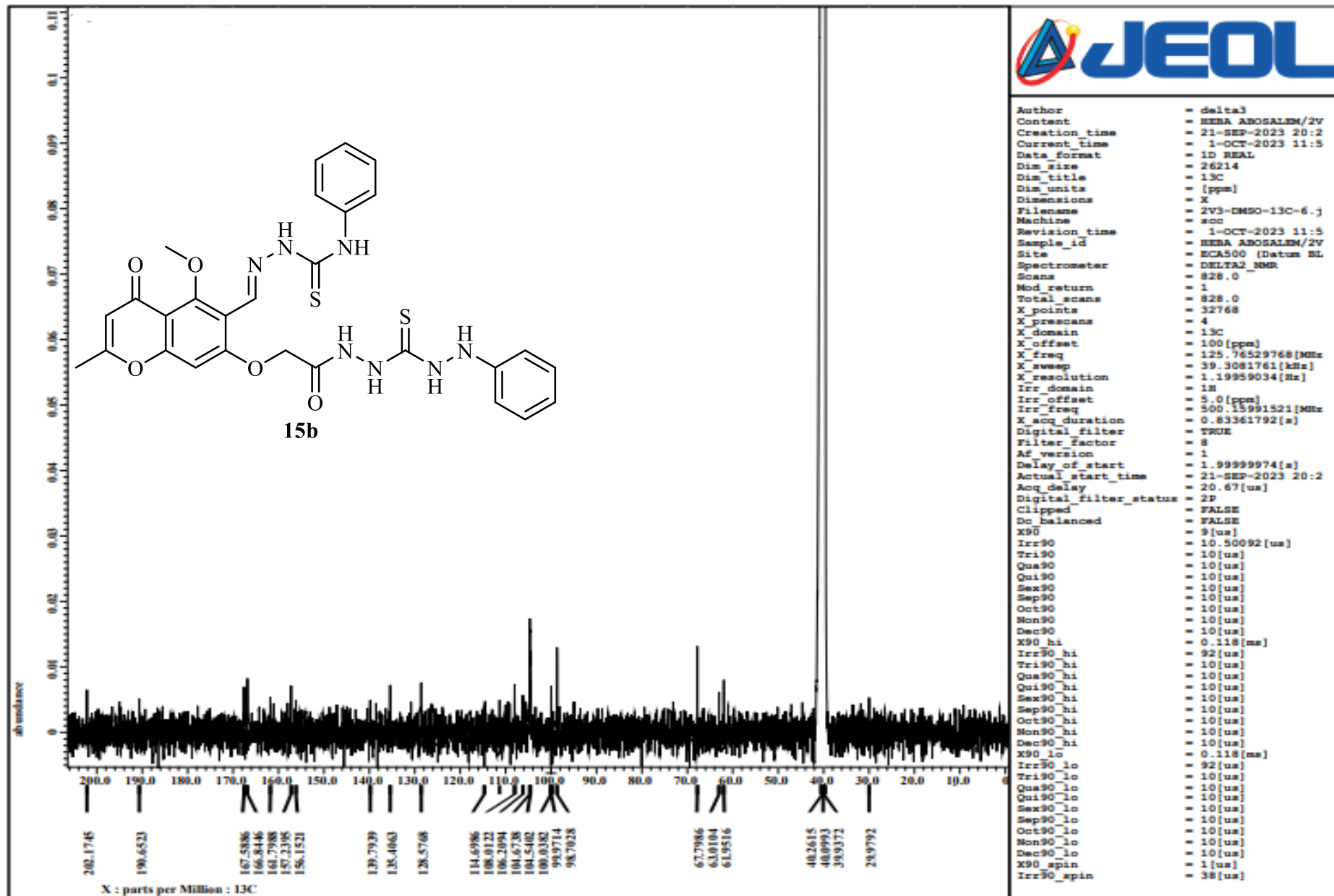
```

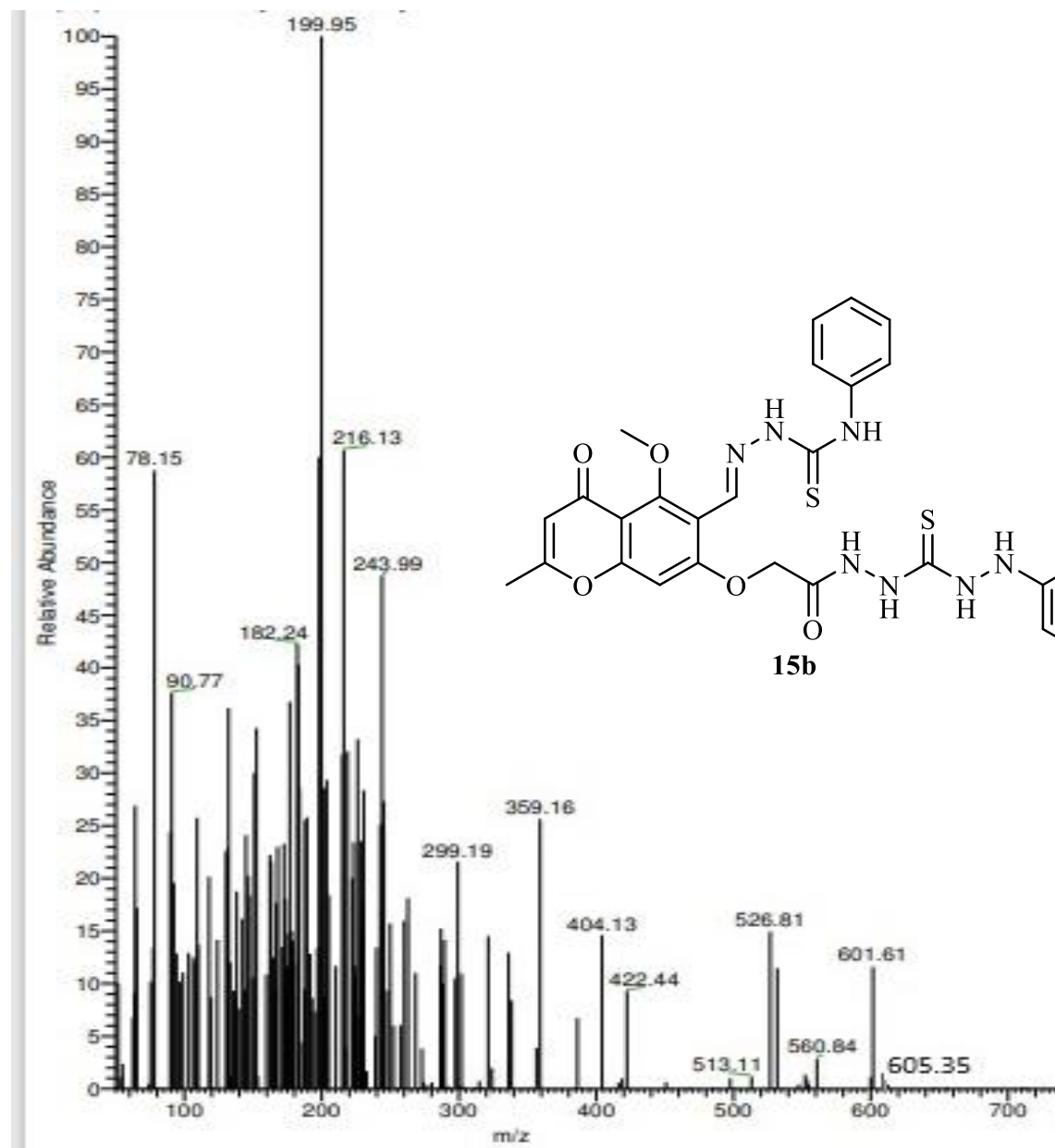


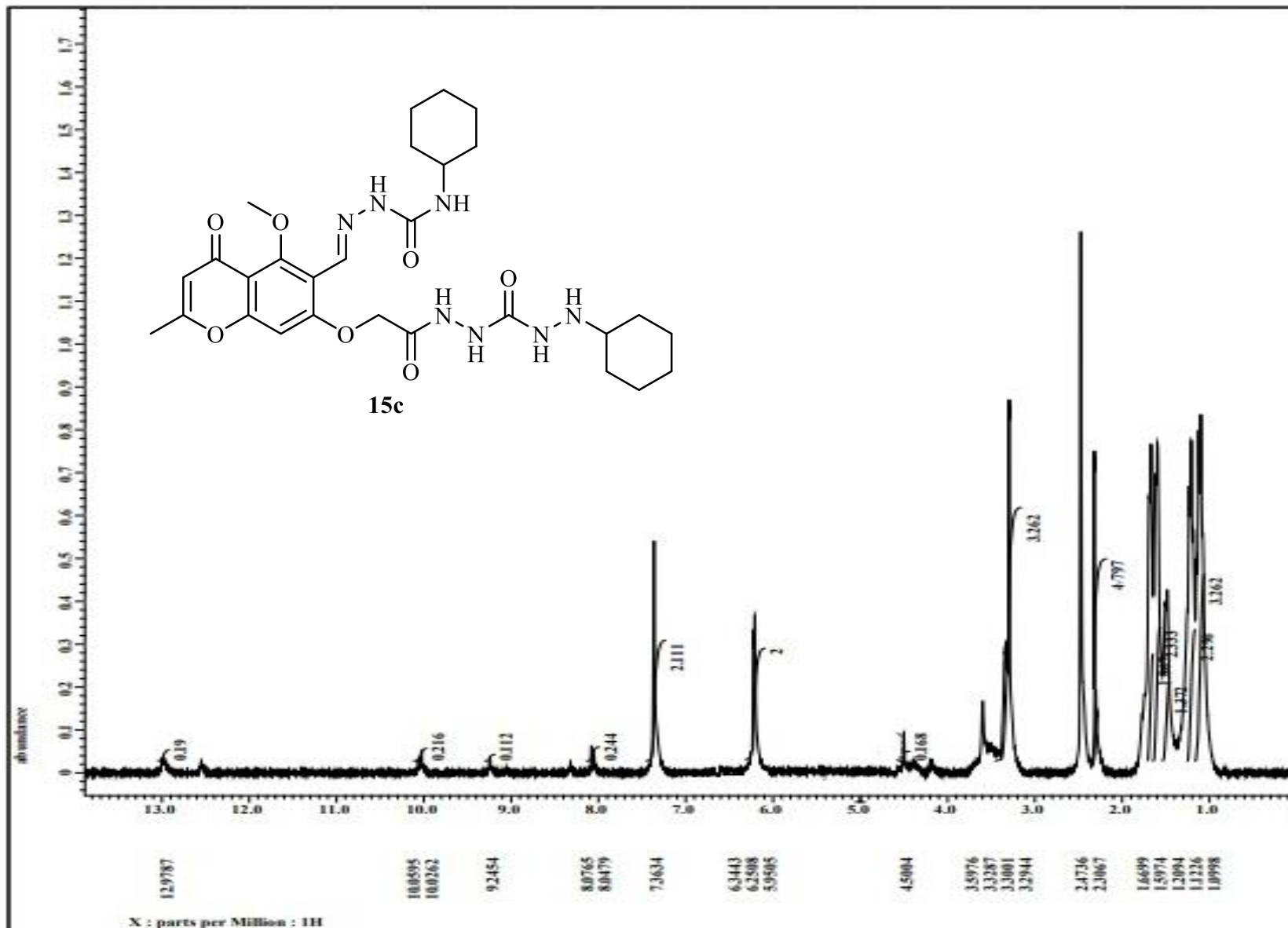












Author = delta3

Content = HERSA/H26-2/2V3a-

Creation time = 26-FEB-2023 20:1

Current time = 26-FEB-2023 13:1

Data format = 1D REAL

Dim_size = 26214

Dim_title = 1H

Dim_units = [ppm]

Dimensions = X

Filename = 2V3a-CDCl3-1H-5.j

Machine = acc

Revision time = 26-FEB-2023 13:1

Sample_id = HERSA/H26-2/2V3a-

Site = ECA500 (Datum BL

Spectrometer = DELTA2_NMR

Scans = 62

Mod_return = 1

Total scans = 62

X_points = 32768

X_prescans = 1

X_domain = 1H

X_offset = 5.0[ppm]

X_freq = 500.15991521[MHz]

X_sweep = 15.625[kHz]

X_resolution = 0.47683716[Hz]

Irr_domain = 1H

Irr_offset = 5.0[ppm]

Irr_freq = 500.15991521[MHz]

Tri_domain = 1H

Tri_offset = 5.0[ppm]

Tri_freq = 500.15991521[MHz]

X_acq_duration = 2.097152[s]

Digital filter = TRUE

Filter factor = 32

Acq version = 1

Delay of start = 1.99999974[s]

Actual_start_time = 26-FEB-2023 20:1

Acq_delay = 5.5[us]

Digital filter_status = 2P

Clipped = TRUE

Dc_balanced = FALSE

X90 = 10.50092[us]

Irr90 = 10.50092[us]

Tri90 = 10[us]

Qua90 = 10[us]

Qui90 = 10[us]

Sex90 = 10[us]

Sep90 = 10[us]

Oct90 = 10[us]

Mon90 = 10[us]

Dec90 = 10[us]

X90_hi = 92[us]

Irr90_hi = 92[us]

Tri90_hi = 10[us]

Qua90_hi = 10[us]

Qui90_hi = 10[us]

Sex90_hi = 10[us]

Sep90_hi = 10[us]

Oct90_hi = 10[us]

Mon90_hi = 10[us]

Dec90_hi = 10[us]

X90_lo = 92[us]

Irr90_lo = 92[us]

Tri90_lo = 10[us]

Qua90_lo = 10[us]

Qui90_lo = 10[us]

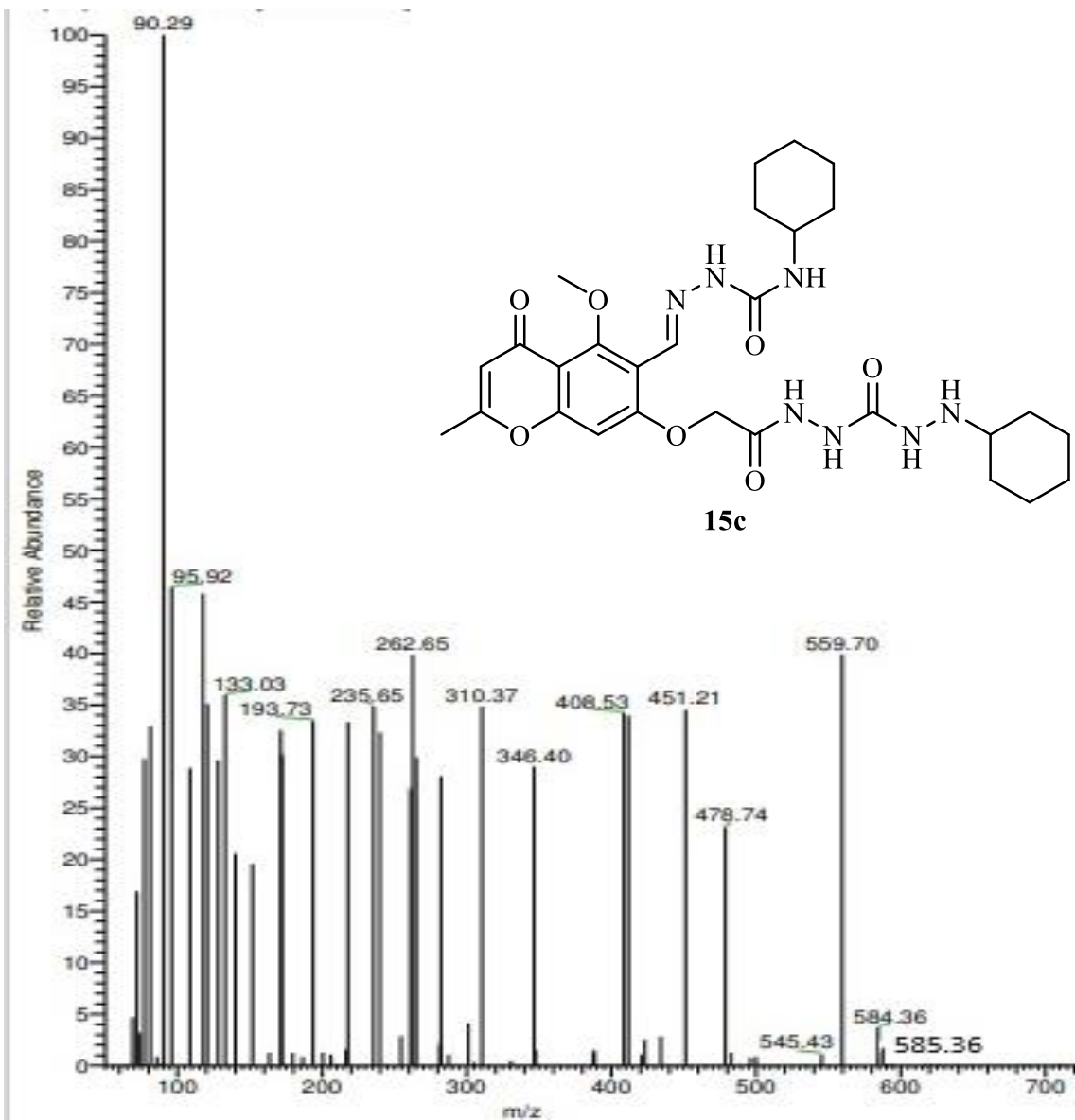
Sex90_lo = 10[us]

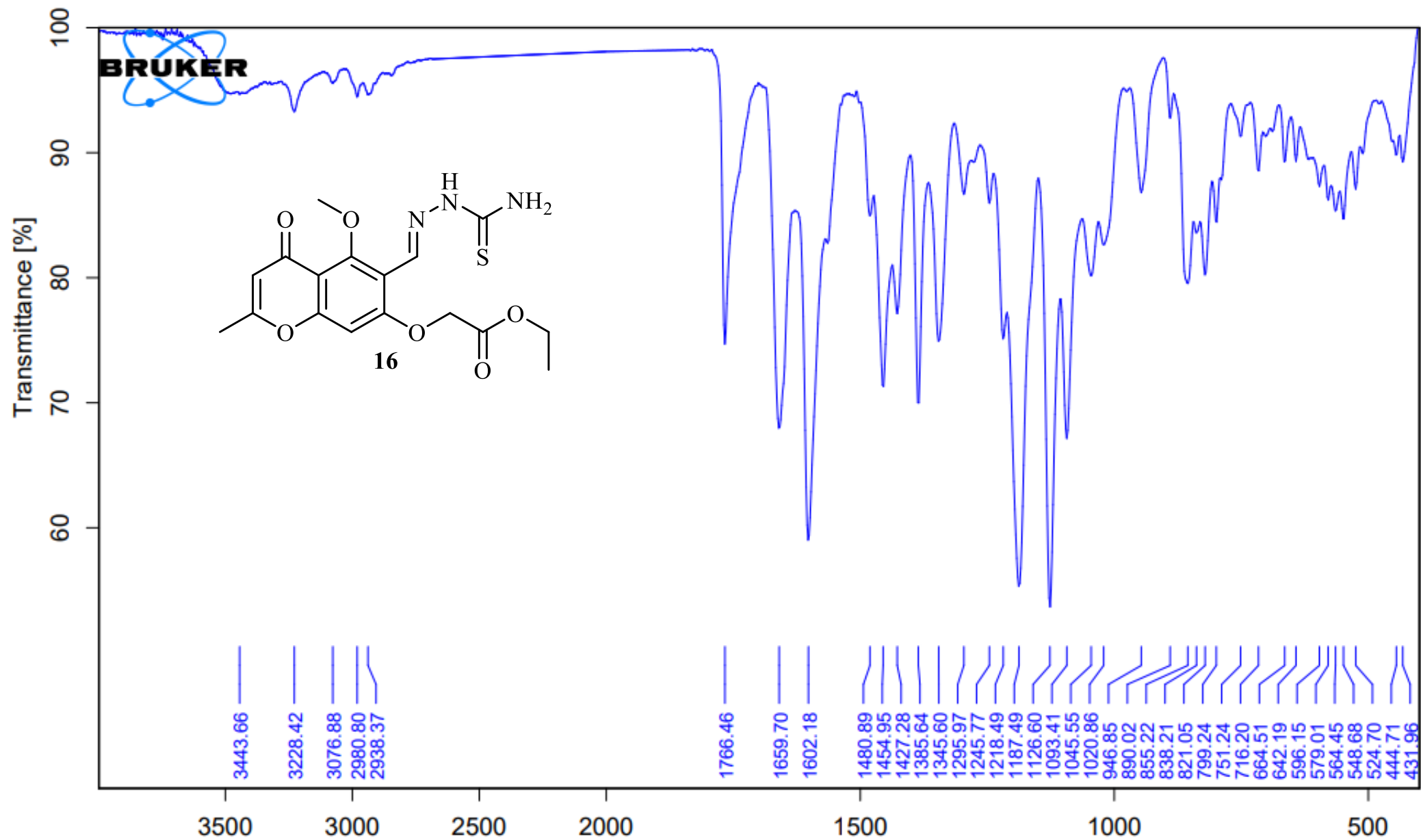
Sep90_lo = 10[us]

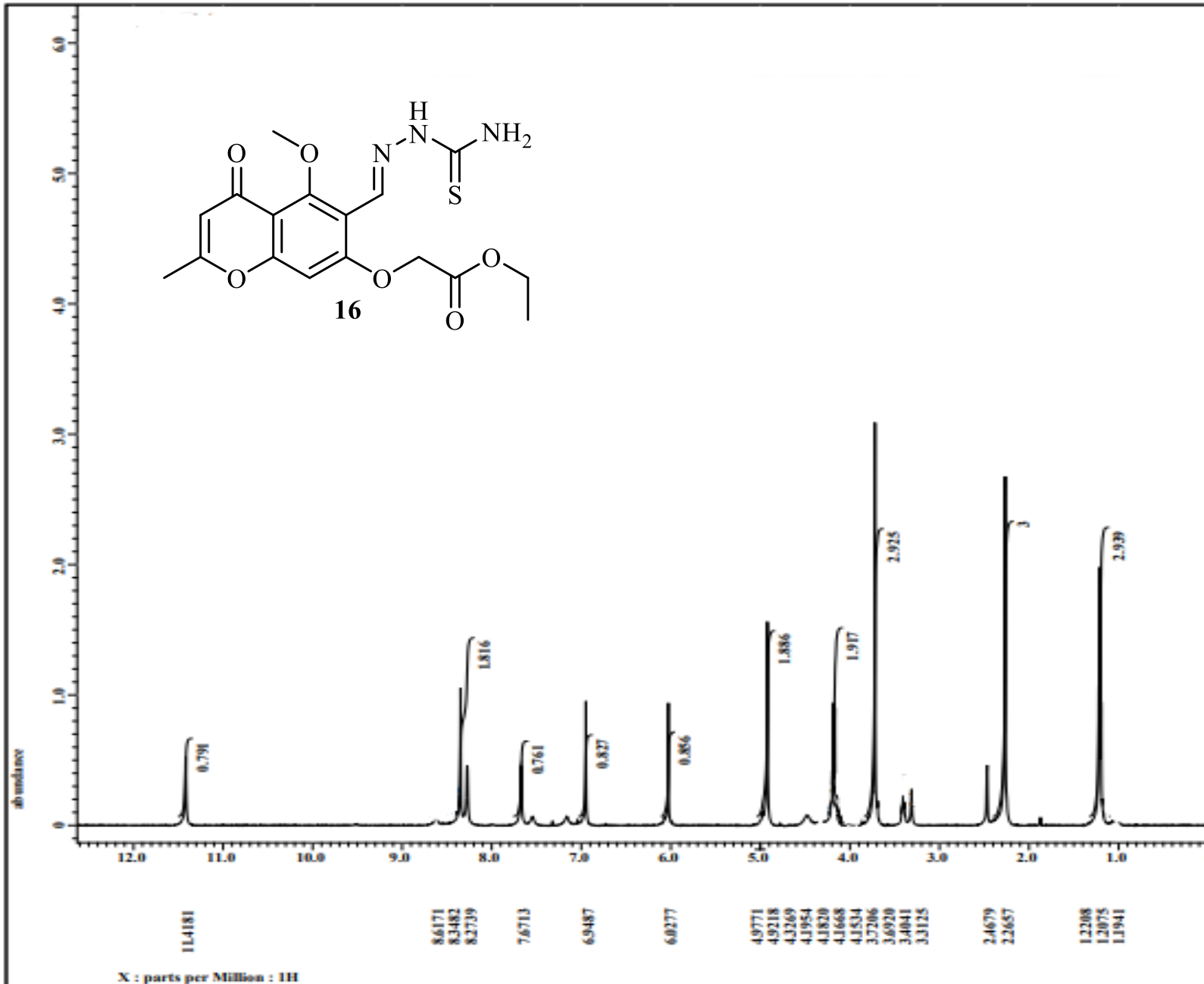
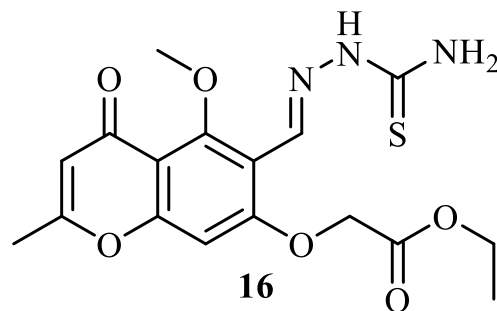
Oct90_lo = 10[us]

Mon90_lo = 10[us]

X : parts per Million : 1H

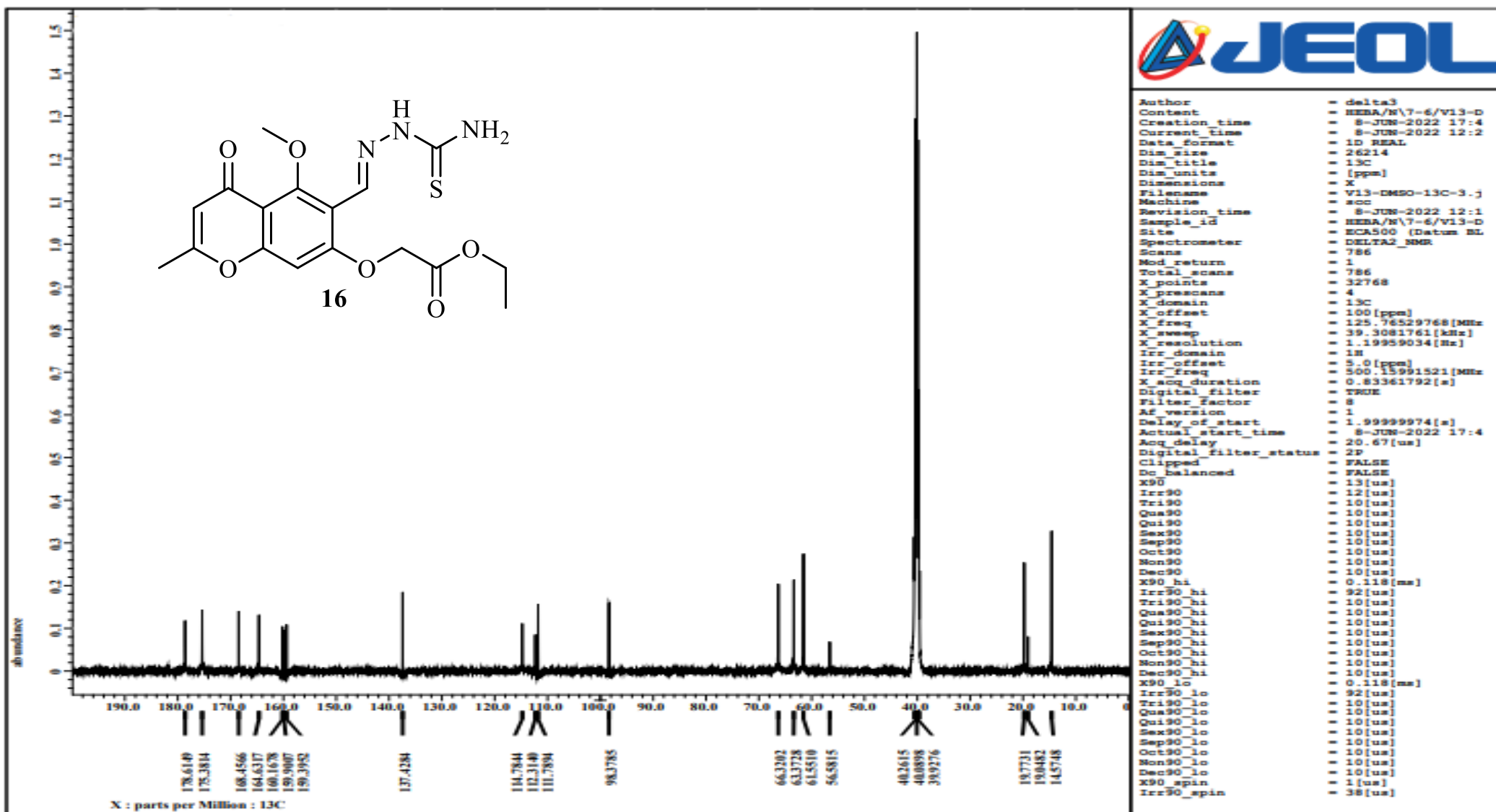


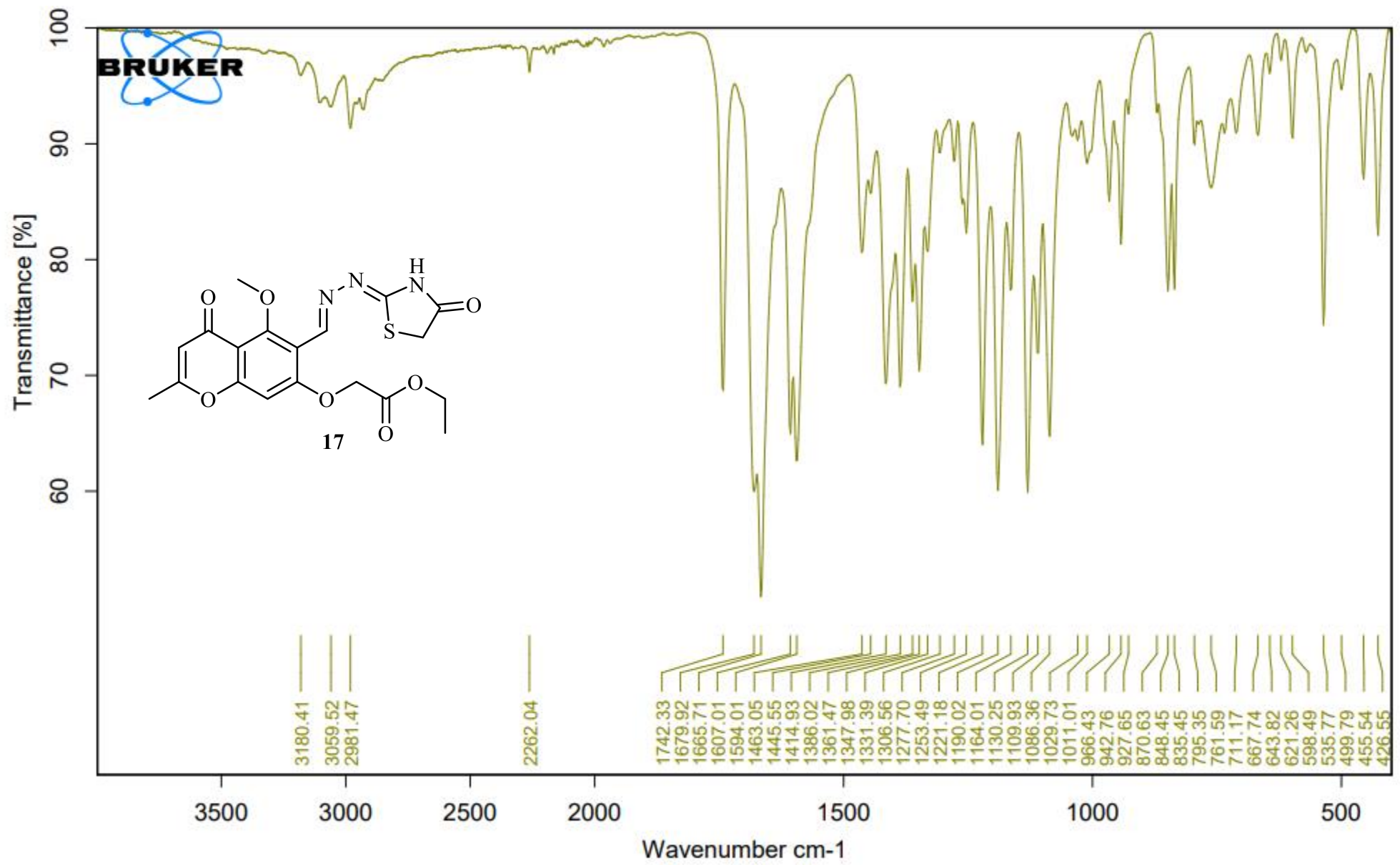


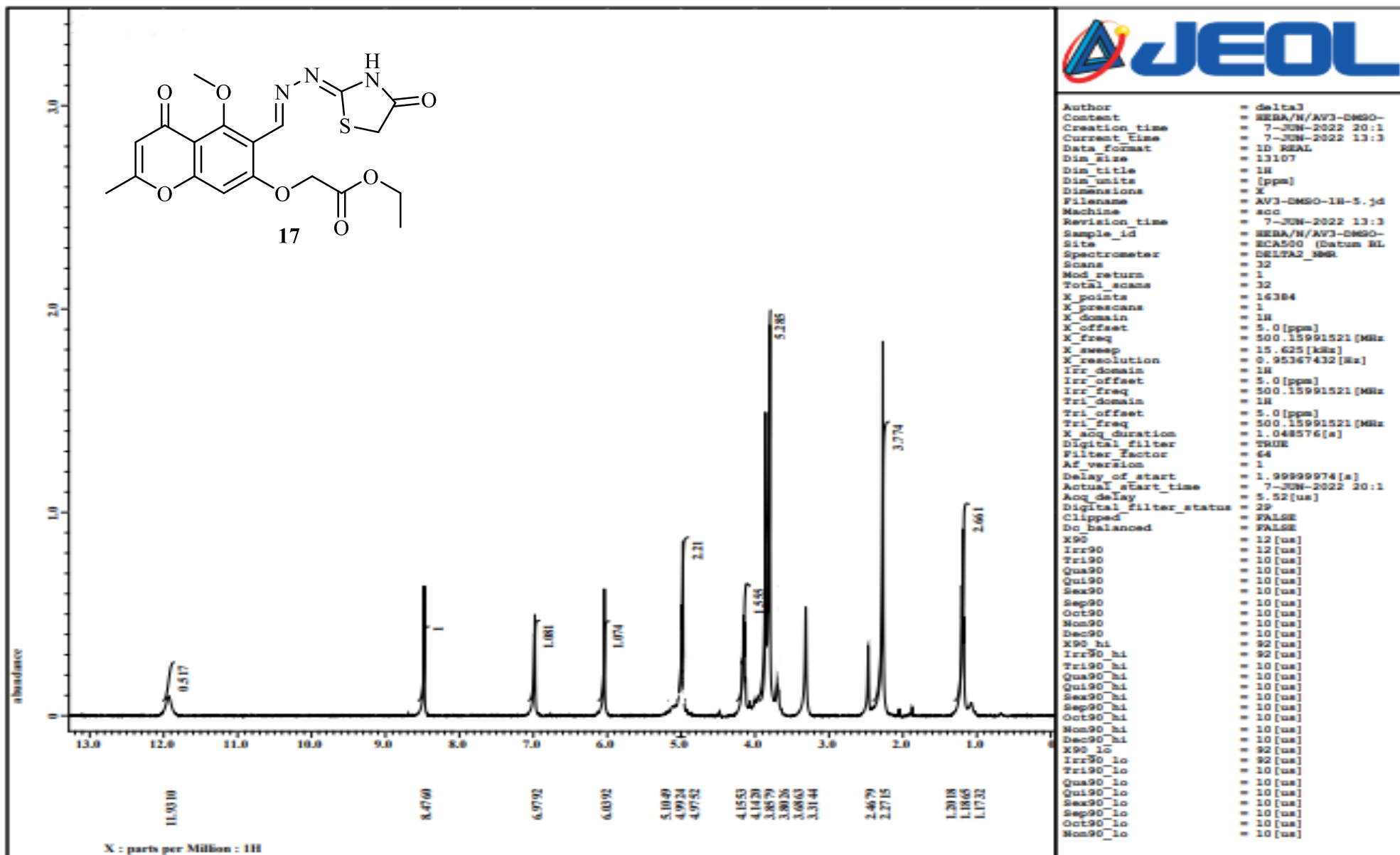


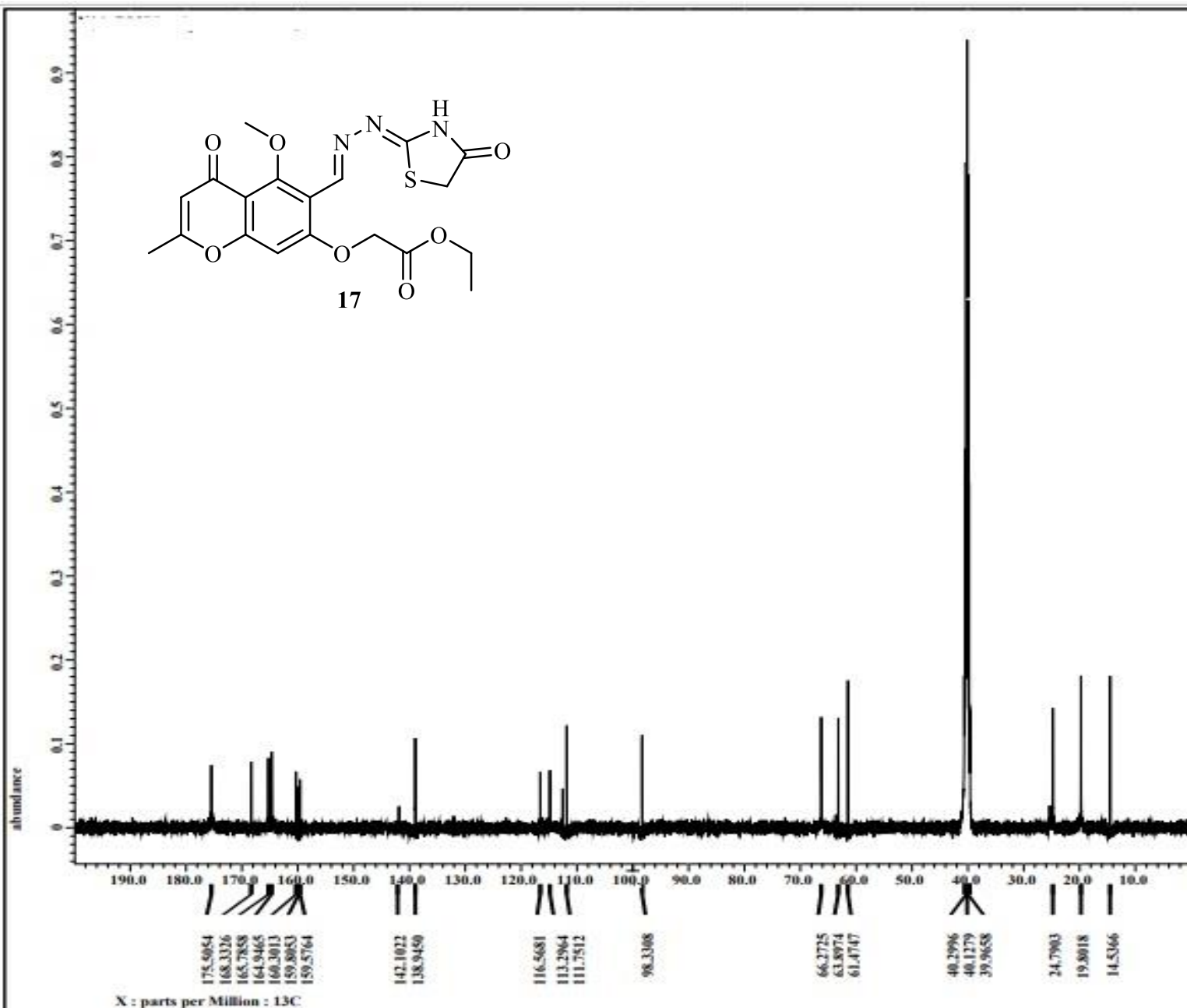
```

Author          = delta3
Content         = HEBA/M/V13-DMSO-
Creation_time   = 7-JUN-2022 20:2
Current_time    = 7-JUN-2022 13:3
Data_format     = 1D REAL
Dim_size        = 13107
Dim_title       = 1H
Dim_units       = [ppm]
Dimensions      = X
Filename        = V13-DMSO-1H-5.jd
Machine         = soc
Revision_time   = 7-JUN-2022 13:3
Sample_id       = HEBA/M/V13-DMSO-
Site            = ECA500 (Datum BL
Spectrometer    = DELTA2 NMR
Scans           = 32
Mod_return      = 1
Total_scans     = 32
X_points        = 16384
X_prescans      = 1
X_domain        = 1H
X_offset        = 5.0 [ppm]
X_freq          = 500.15991521 [MHz]
X_sweep         = 15.625 [kHz]
X_resolution    = 0.95367432 [Hz]
Irr_domain      = 1H
Irr_offset      = 5.0 [ppm]
Irr_freq        = 500.15991521 [MHz]
Tri_domain      = 1H
Tri_offset      = 5.0 [ppm]
Tri_freq        = 500.15991521 [MHz]
X_acq_duration  = 1.048576 [s]
Digital_filter  = TRUE
Filter_Factor   = 64
AQ version      = 1
Delay of start  = 1.99999974 [s]
Actual_start_time = 7-JUN-2022 20:2
Acq_delay       = 5.52 [us]
Digital_filter_status = 2P
Clipped         = FALSE
Do_balanced     = FALSE
X90             = 12 [us]
Irr90           = 12 [us]
Tri90           = 10 [us]
Qua90           = 10 [us]
Qui90           = 10 [us]
Sex90           = 10 [us]
Sep90           = 10 [us]
Oct90           = 10 [us]
Mon90           = 10 [us]
Dec90           = 10 [us]
X90_hi          = 92 [us]
Irr90_hi        = 92 [us]
Tri90_hi        = 10 [us]
Qua90_hi        = 10 [us]
Qui90_hi        = 10 [us]
Sex90_hi        = 10 [us]
Sep90_hi        = 10 [us]
Oct90_hi        = 10 [us]
Mon90_hi        = 10 [us]
Dec90_hi        = 10 [us]
X90_lo          = 92 [us]
Irr90_lo        = 92 [us]
Tri90_lo        = 10 [us]
Qua90_lo        = 10 [us]
Qui90_lo        = 10 [us]
Sex90_lo        = 10 [us]
Sep90_lo        = 10 [us]
Oct90_lo        = 10 [us]
Mon90_lo        = 10 [us]
  
```

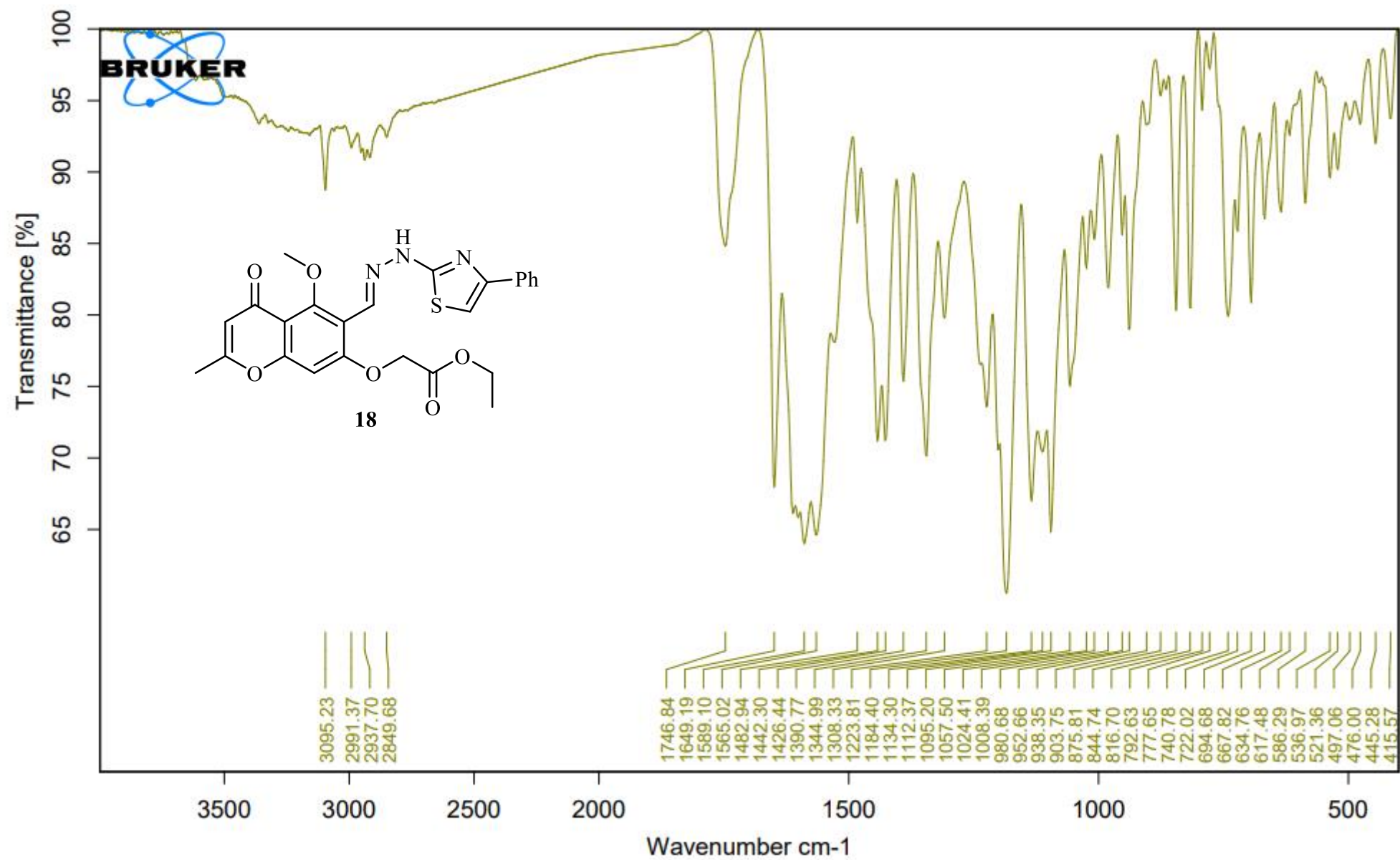


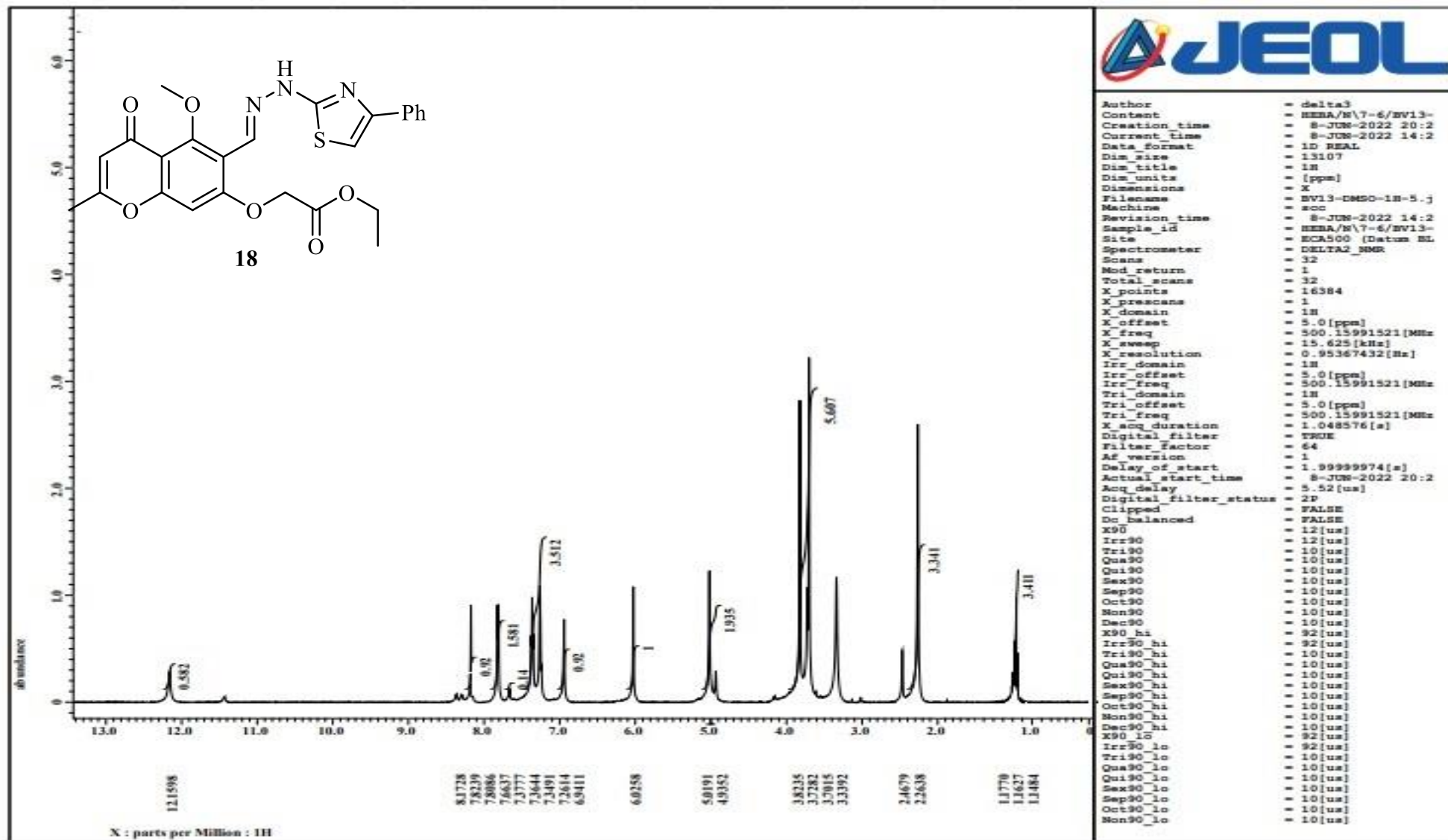


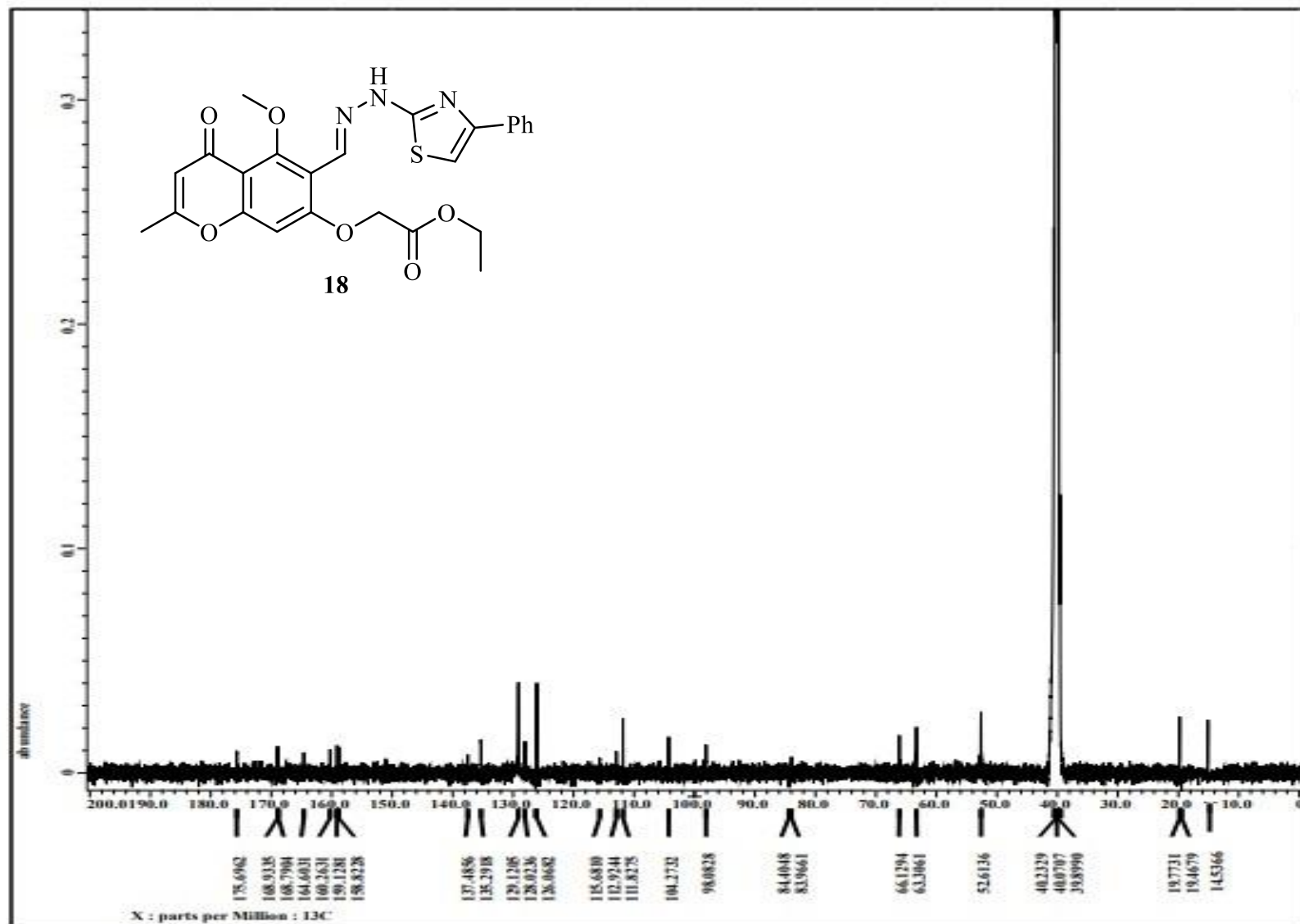




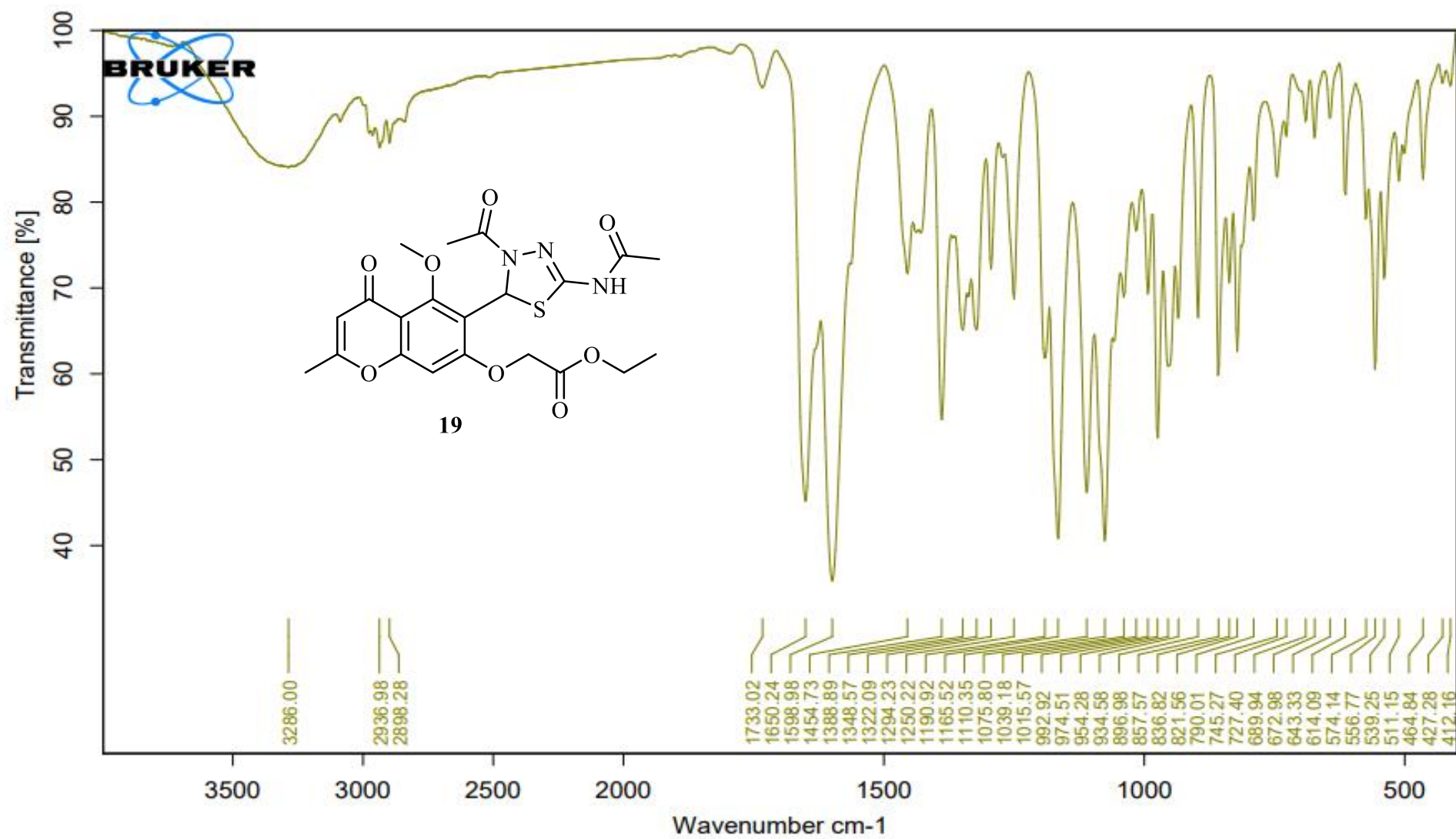
Author	= delta3
Content	= HEBA/N\7-6/V14-D
Creation time	= 8-JUN-2022 20:0
Current time	= 8-JUN-2022 14:1
Data format	= 1D REAL
Dim size	= 26214
Dim title	= 13C
Dim units	= [ppm]
Dimensions	= X
Filename	= V14-DMSO-13C-5.j
Machine	= scc
Revision time	= 8-JUN-2022 14:1
Sample id	= HEBA/N\7-6/V14-D
Site	= ECA500 (Datum BL
Spectrometer	= DELTA2_NMR
Scans	= 501
Mod return	= 1
Total scans	= 501
X points	= 32768
X prescans	= 4
X domain	= 13C
X offset	= 100[ppm]
X freq	= 125.76529768[MHz]
X sweep	= 39.3081761[kHz]
X resolution	= 1.19959034[Hz]
Irr domain	= 1H
Irr offset	= 5.0[ppm]
Irr freq	= 500.15991521[MHz]
X acq duration	= 0.83361792[s]
Digital filter	= TRUE
Filter factor	= 8
Ac version	= 1
Delay of start	= 1.99999974[s]
Actual start time	= 8-JUN-2022 20:0
Acq delay	= 20.67[us]
Digital filter status	= 2P
Clipped	= FALSE
Dc balanced	= FALSE
X90	= 13[us]
Irr90	= 12[us]
Tri90	= 10[us]
Qua90	= 10[us]
Qui90	= 10[us]
Sex90	= 10[us]
Sep90	= 10[us]
Oct90	= 10[us]
Non90	= 10[us]
Dec90	= 10[us]
X90 hi	= 0.118[ms]
Irr90 hi	= 92[us]
Tri90 hi	= 10[us]
Qua90 hi	= 10[us]
Qui90 hi	= 10[us]
Sex90 hi	= 10[us]
Sep90 hi	= 10[us]
Oct90 hi	= 10[us]
Non90 hi	= 10[us]
Dec90 hi	= 10[us]
X90 lo	= 0.118[ms]
Irr90 lo	= 92[us]
Tri90 lo	= 10[us]
Qua90 lo	= 10[us]
Qui90 lo	= 10[us]
Sex90 lo	= 10[us]
Sep90 lo	= 10[us]
Oct90 lo	= 10[us]
Non90 lo	= 10[us]
Dec90 lo	= 10[us]
X90 spin	= 1[us]
Irr90 spin	= 38[us]

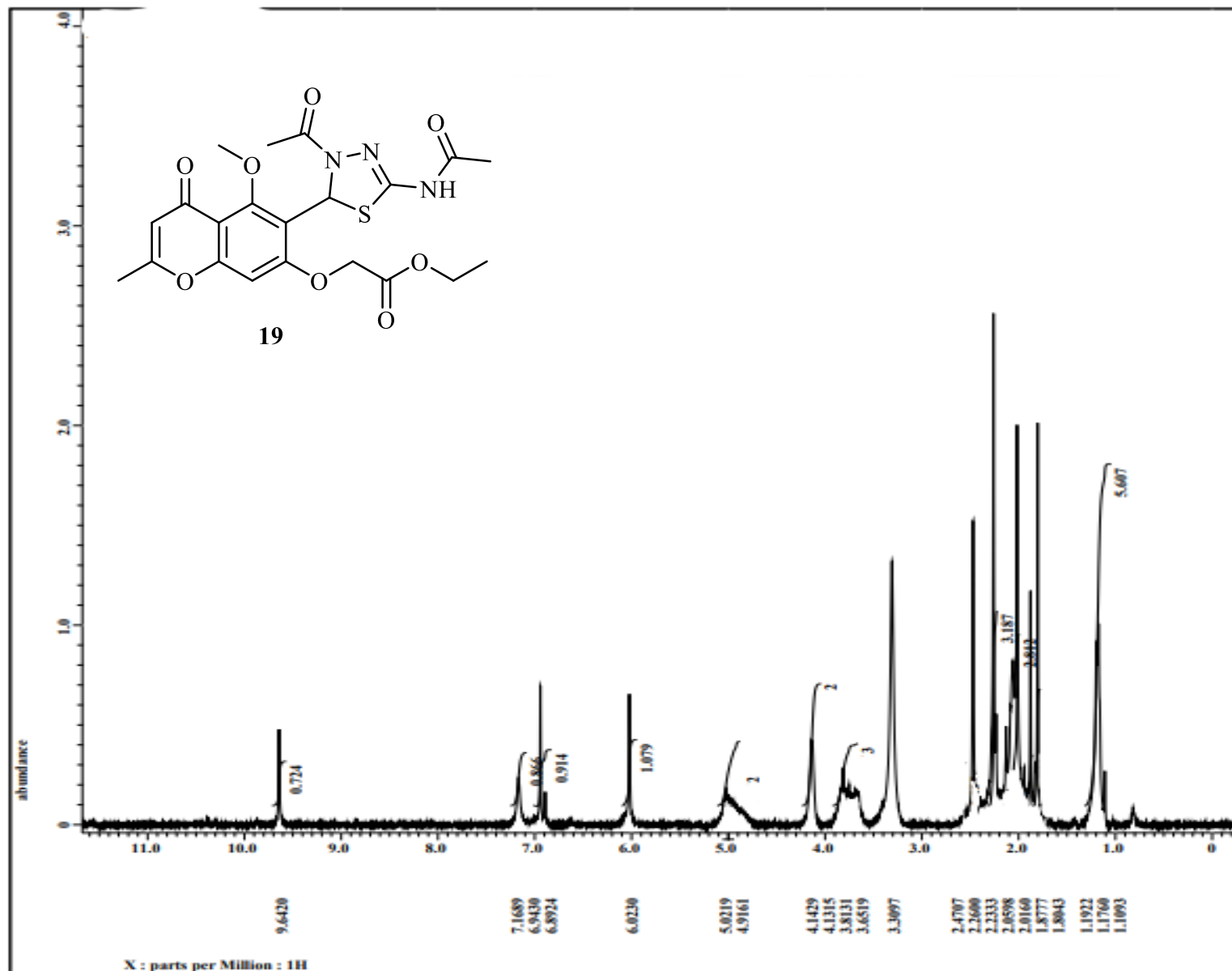






Author - delta3
Content - NMR ADOSALEM/BV
Creation_time - 24-SEP-2023 17:2
Current_time - 1-OCT-2023 12:0
Data_format - 1D REAL
Data_size - 26214
Data_title - 13C
Data_units - [ppm]
Dimensions - X
Filename - EVI3-CDCl3-13C-4.
Machine - scc
Revision_time - 1-OCT-2023 12:0
Sample_id - NMR ADOSALEM/BV
Site - ECA500 (Datum BL
Spectrometer - DELTA2 MMX
Scans - 1441
Mod_return - 1
Total_scans - 1441
X_points - 32768
X_prescans - 4
X_domain - 13C
X_offset - 100 [ppm]
X_freq - 125.76529768 [MHz]
X_sweep - 39.3081761 [kHz]
X_resolution - 1.19959034 [Hz]
Irr_domain - 1H
Irr_offset - 5.0 [ppm]
Irr_freq - 500.15991521 [MHz]
X_acq_duration - 0.83361792 [s]
Digital_filter - TRUE
Filter_factor - 8
Acq_version - 1
Delay_of_start - 1.99999974 [s]
Actual_start_time - 24-SEP-2023 17:2
Acq_delay - 20.67 [us]
Digital_filter_status - 2P
Clipped - FALSE
Do_balanced - FALSE
X90 - 9 [us]
Irr90 - 10.50092 [us]
Tri90 - 10 [us]
Qus90 - 10 [us]
Qui90 - 10 [us]
Sex90 - 10 [us]
Sep90 - 10 [us]
Oct90 - 10 [us]
Non90 - 10 [us]
Dec90 - 10 [us]
X90_hi - 0.118 [ms]
Irr90_hi - 92 [us]
Tri90_hi - 10 [us]
Qus90_hi - 10 [us]
Qui90_hi - 10 [us]
Sex90_hi - 10 [us]
Sep90_hi - 10 [us]
Oct90_hi - 10 [us]
Non90_hi - 10 [us]
Dec90_hi - 10 [us]
X90_lo - 0.118 [ms]
Irr90_lo - 92 [us]
Tri90_lo - 10 [us]
Qus90_lo - 10 [us]
Qui90_lo - 10 [us]
Sex90_lo - 10 [us]
Sep90_lo - 10 [us]
Oct90_lo - 10 [us]
Non90_lo - 10 [us]
Dec90_lo - 10 [us]
X90_spin - 1 [us]
Irr90_spin - 38 [us]



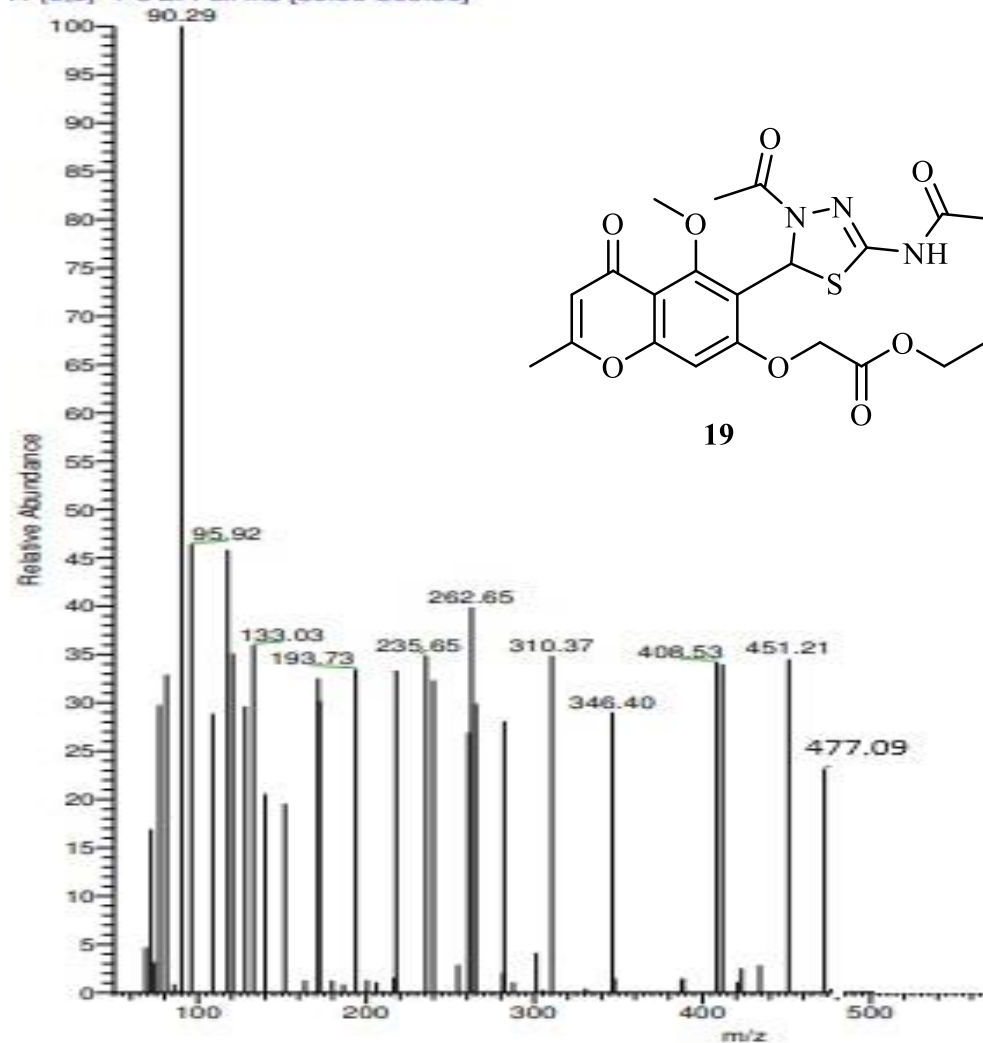


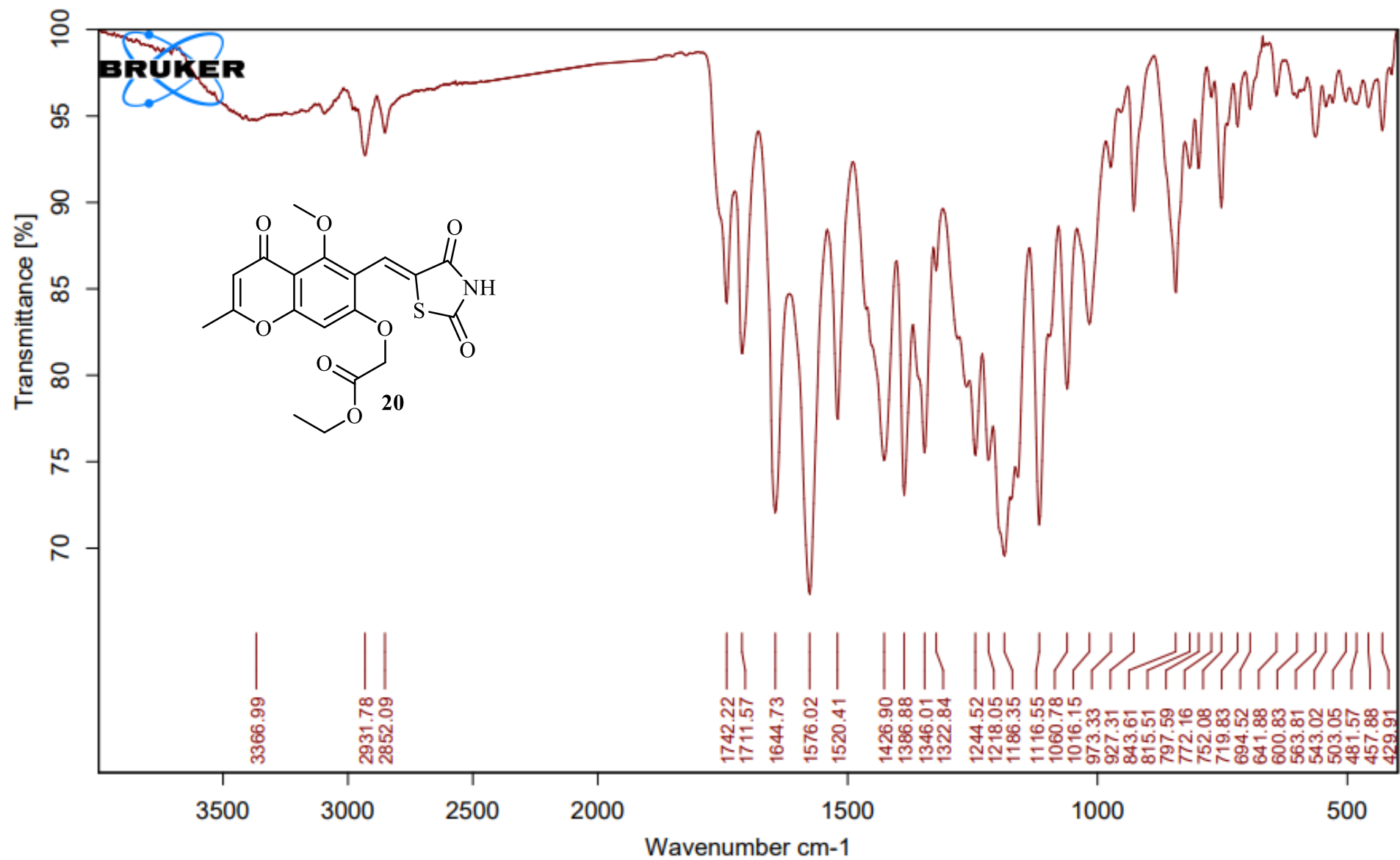
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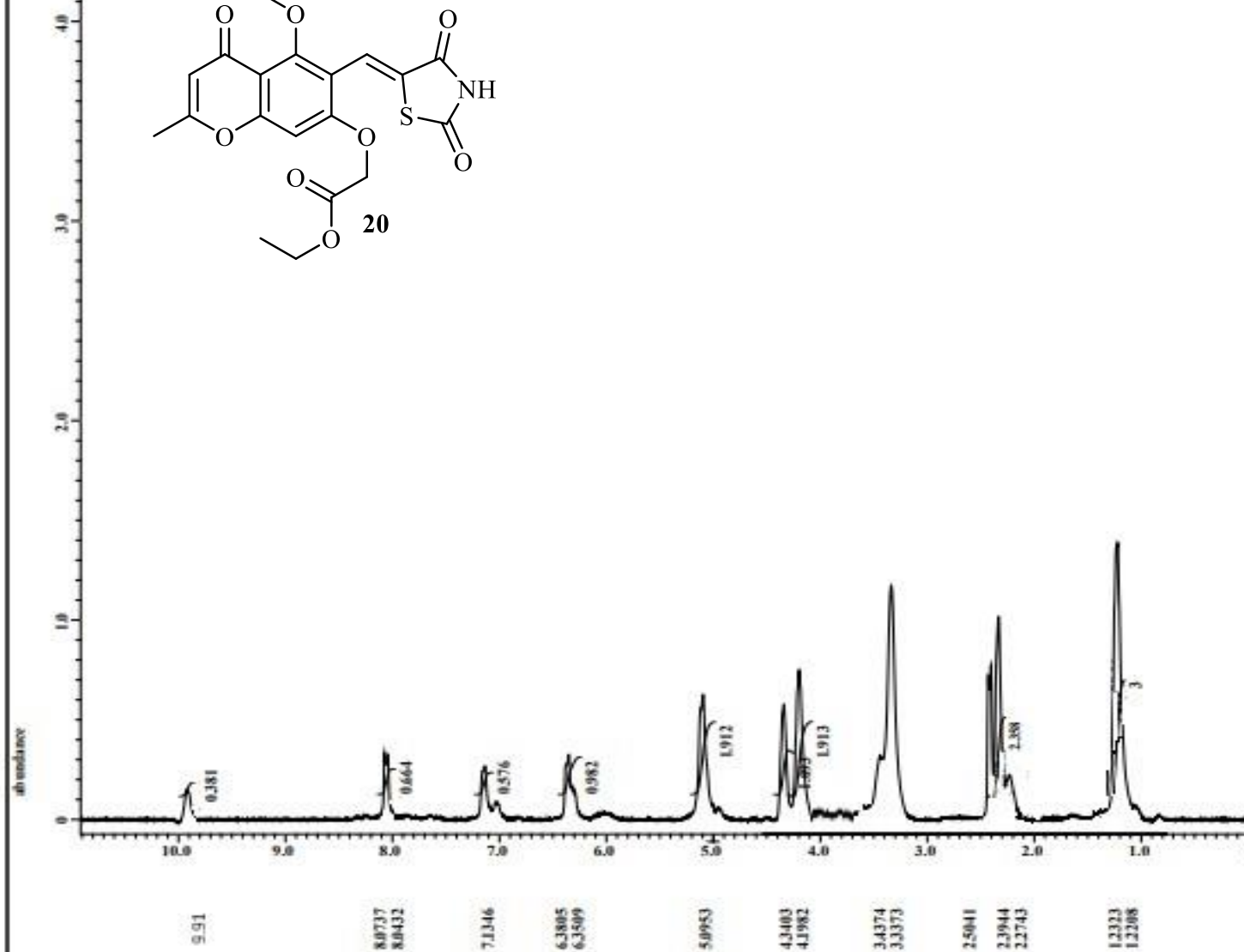
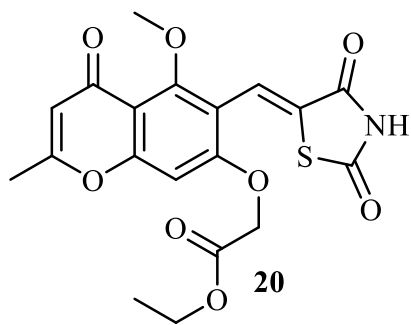
Author      = delta3
Content     = NEBA/M26-2/CV13-
Creation_time = 26-FEB-2023 21:0
Current_time = 26-FEB-2023 14:0
Data_format  = 1D REAL
Dim_Size     = 26214
Dim_title    = 1H
Dim_units    = [ppm]
Dimensions   = X
Filename     = CV13-DM50-1H-5.j
Machine      = acc
Revision_time = 26-FEB-2023 14:0
Sample_ID    = NEBA/M26-2/CV13-
Site         = ECA500 (Datum BL
Spectrometer = DELTA2_NMR
Scans        = 9
Mod_return   = 1
Total_scans  = 9
X_points     = 32768
X_prescans   = 1
X_domain     = 1H
X_offset     = 5.0[ppm]
X_freq       = 500.15991521[MHz]
X_sweep      = 15.625[kHz]
X_resolution = 0.47683716[Hz]
Irr_domain   = 1H
Irr_offset   = 5.0[ppm]
Irr_freq     = 500.15991521[MHz]
Tri_domain   = 1H
Tri_offset   = 5.0[ppm]
Tri_freq     = 500.15991521[MHz]
X_acq_duration = 2.097152[s]
Digital_filter = TRUE
Filter_factor = 32
Af_version   = 1
Delay_of_start = 1.99999974[s]
Actual_start_time = 26-FEB-2023 21:0
Acq_delay    = 5.5[us]
Digital_filter_status = 2P
Clipped      = TRUE
Do_balanced  = FALSE
X90          = 10.50092[us]
Irr90        = 10.50092[us]
Tri90        = 10[us]
Qua90        = 10[us]
Qui90        = 10[us]
Sex90        = 10[us]
Sep90        = 10[us]
Oct90        = 10[us]
Non90        = 10[us]
Dec90        = 10[us]
X90_hi       = 92[us]
Irr90_hi     = 92[us]
Tri90_hi     = 10[us]
Qua90_hi     = 10[us]
Qui90_hi     = 10[us]
Sex90_hi     = 10[us]
Sep90_hi     = 10[us]
Oct90_hi     = 10[us]
Non90_hi     = 10[us]
Dec90_hi     = 10[us]
X90_lo       = 92[us]
Irr90_lo     = 92[us]
Tri90_lo     = 10[us]
Qua90_lo     = 10[us]
Qui90_lo     = 10[us]
Sex90_lo     = 10[us]
Sep90_lo     = 10[us]
Oct90_lo     = 10[us]
Non90_lo     = 10[us]

```

lebs-B17 #843 RT: 2.90 AV: 1 NL: 8.19E2
F: [0.0] + c EI Full ms [50.00-800.00]



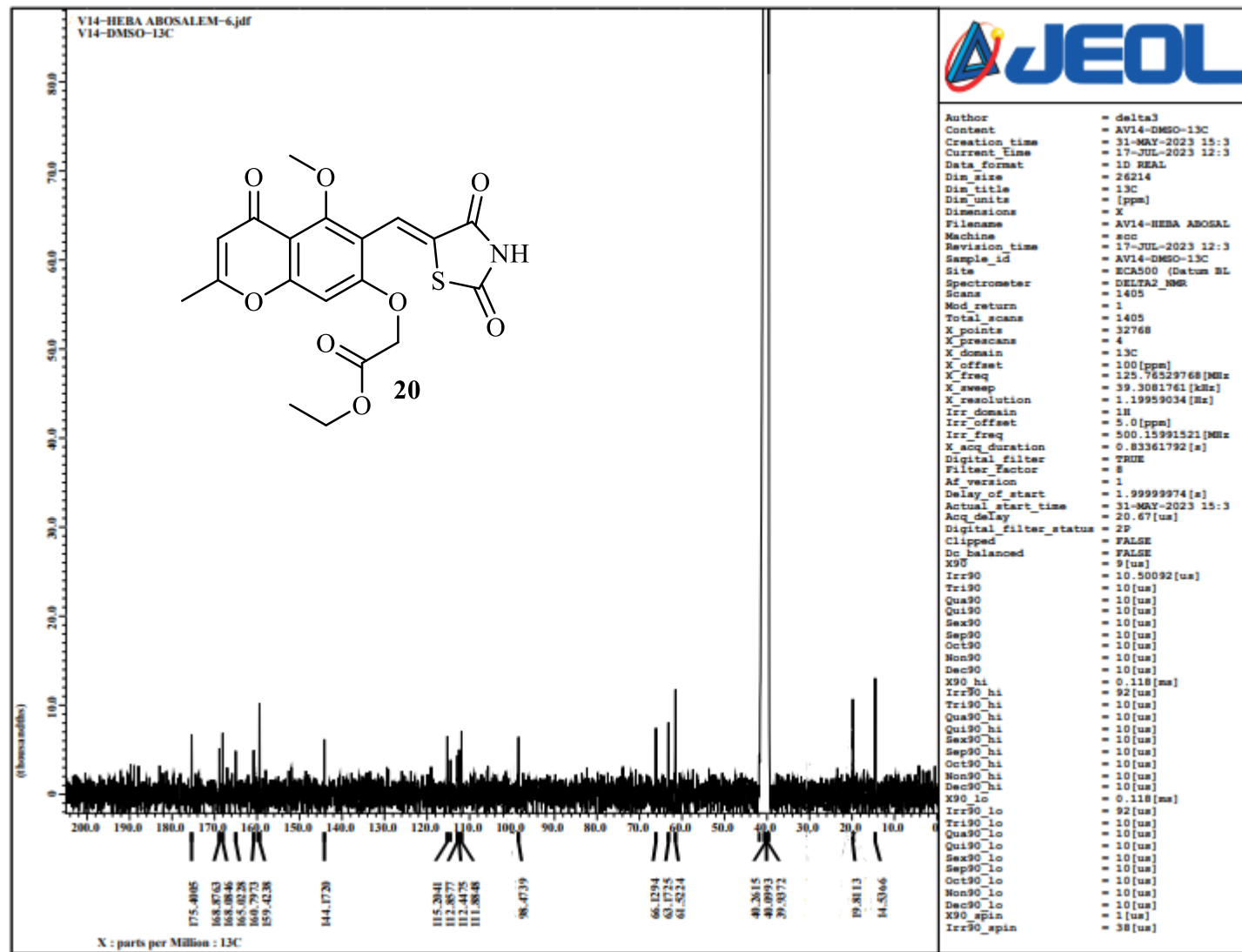




X : parts per Million : 1H

```

Author          = delta3
Content         = HERA ABOSALEM/VI
Creation_time   = 18-SEP-2023 18:3
Current_time    = 18-SEP-2023 12:4
Data_format     = 1D REAL
Dim_size        = 26214
Dim_title       = 1H
Dim_units       = [ppm]
Dimensions      = X
Filename        = V12-CDCl3-1H-5.jd
Machine         = asc
Revision_time   = 18-SEP-2023 12:4
Sample_id       = HERA ABOSALEM/VI
Site            = ECA500 (Datum BL
Spectrometer    = DELTA2 NMR
Scans           = 43
Mod_return      = 1
Total_scans     = 43
X_points        = 32768
X_prescans      = 1
X_domain        = 1H
X_offset        = 5.0 [ppm]
X_freq          = 500.15991521 [MHz]
X_sweep         = 15.625 [kHz]
X_resolution    = 0.47683716 [Hz]
Irr_domain      = 1H
Irr_offset      = 5.0 [ppm]
Irr_freq        = 500.15991521 [MHz]
Tri_domain      = 1H
Tri_offset      = 5.0 [ppm]
Tri_freq        = 500.15991521 [MHz]
X_aeq_duration  = 2.097152 [s]
Digital_filter  = TRUE
Filter_factor   = 32
Af_version      = 1
Delay_of_start  = 1.99999974 [s]
Actual_start_time = 18-SEP-2023 18:3
Acq_delay       = 5.5 [us]
Digital_filter_status = 2P
Clipped        = TRUE
Dc_balanced     = FALSE
X90            = 10.50092 [us]
Irr90          = 10.50092 [us]
Tri90          = 10 [us]
Qea90          = 10 [us]
Qui90          = 10 [us]
Sex90          = 10 [us]
Sep90          = 10 [us]
Oct90          = 10 [us]
Non90          = 10 [us]
Dec90          = 10 [us]
X90_hi         = 92 [us]
Irr90_hi       = 92 [us]
Tri90_hi       = 10 [us]
Qea90_hi       = 10 [us]
Qui90_hi       = 10 [us]
Sex90_hi       = 10 [us]
Sep90_hi       = 10 [us]
Oct90_hi       = 10 [us]
Non90_hi       = 10 [us]
Dec90_hi       = 10 [us]
X90_lo         = 92 [us]
Irr90_lo       = 92 [us]
Tri90_lo       = 10 [us]
Qea90_lo       = 10 [us]
Qui90_lo       = 10 [us]
Sex90_lo       = 10 [us]
Sep90_lo       = 10 [us]
Oct90_lo       = 10 [us]
Non90_lo       = 10 [us]
  
```



MS-2V3 #77.D RT: 2.67 AV: 1 NL: 6.04E2
T: (0.0) + c EI Full ms [50.00-550.00]

