



Dr_EmanHassan-E

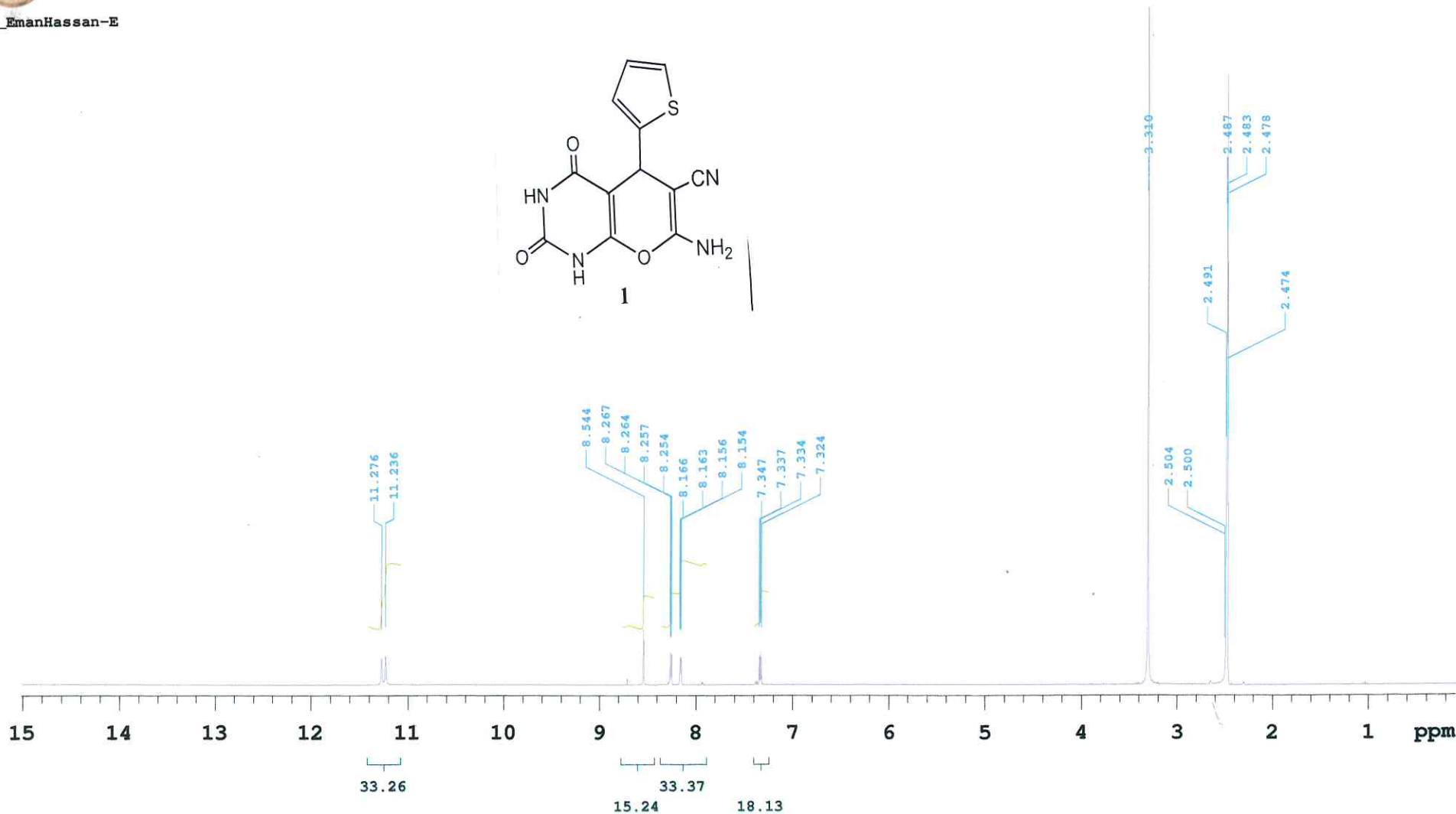
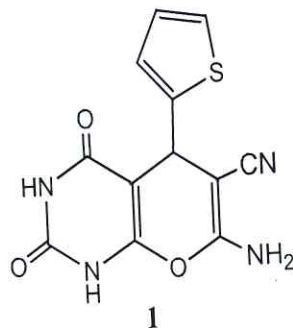
Dr_EmanHassan-E

Sample Name **Dr_EmanHassan-E**
Date collected **2018-02-18**

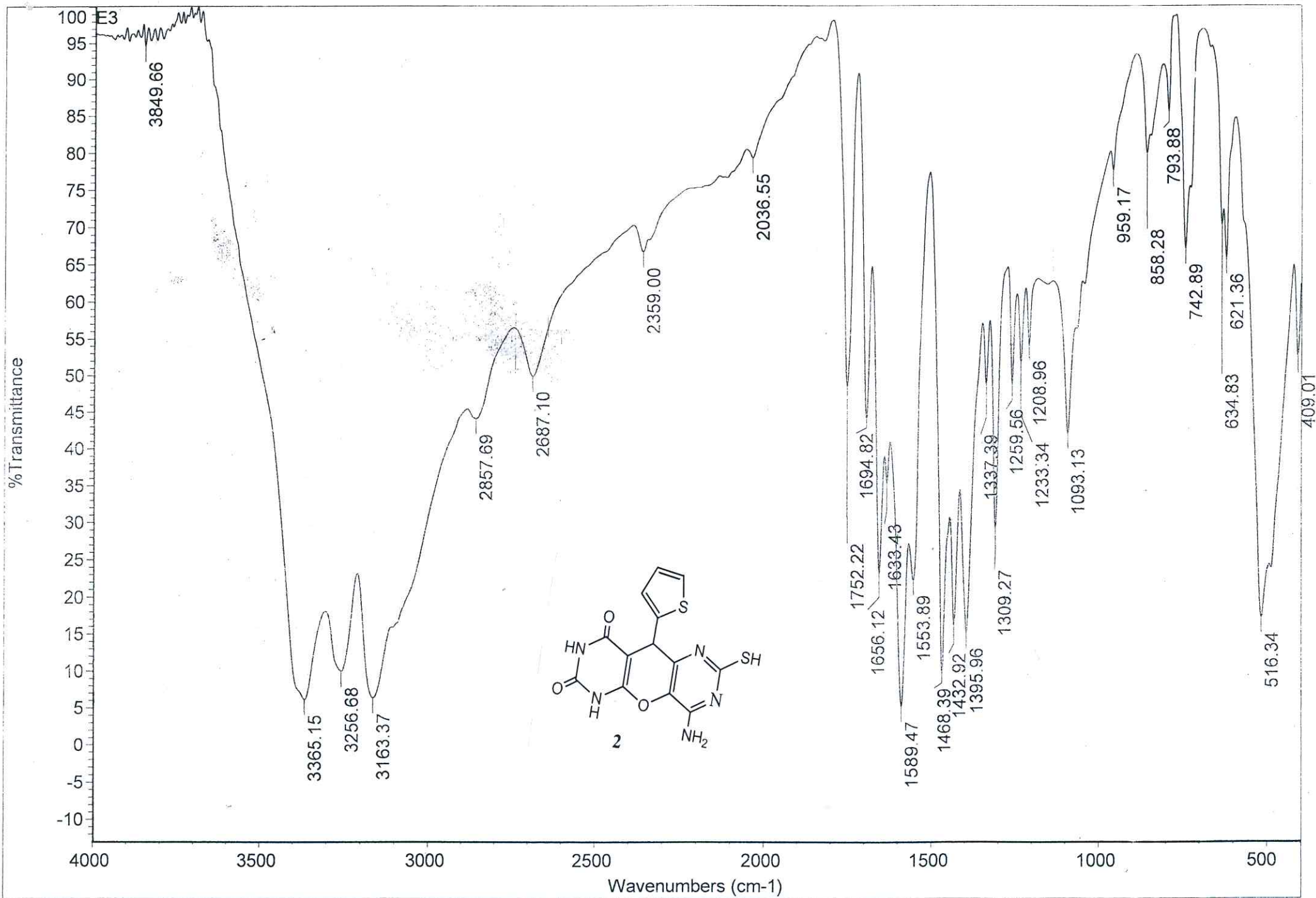
Pulse sequence **PROTON**
Solvent **DMSO**

Temperature **25**
Spectrometer **nmr400-mercury400**

Study owner **vnmr1**
Operator **vnmr1**



Plotname: Dr_EmanHassan-E_PROTON_01_plot02



① Thio urea



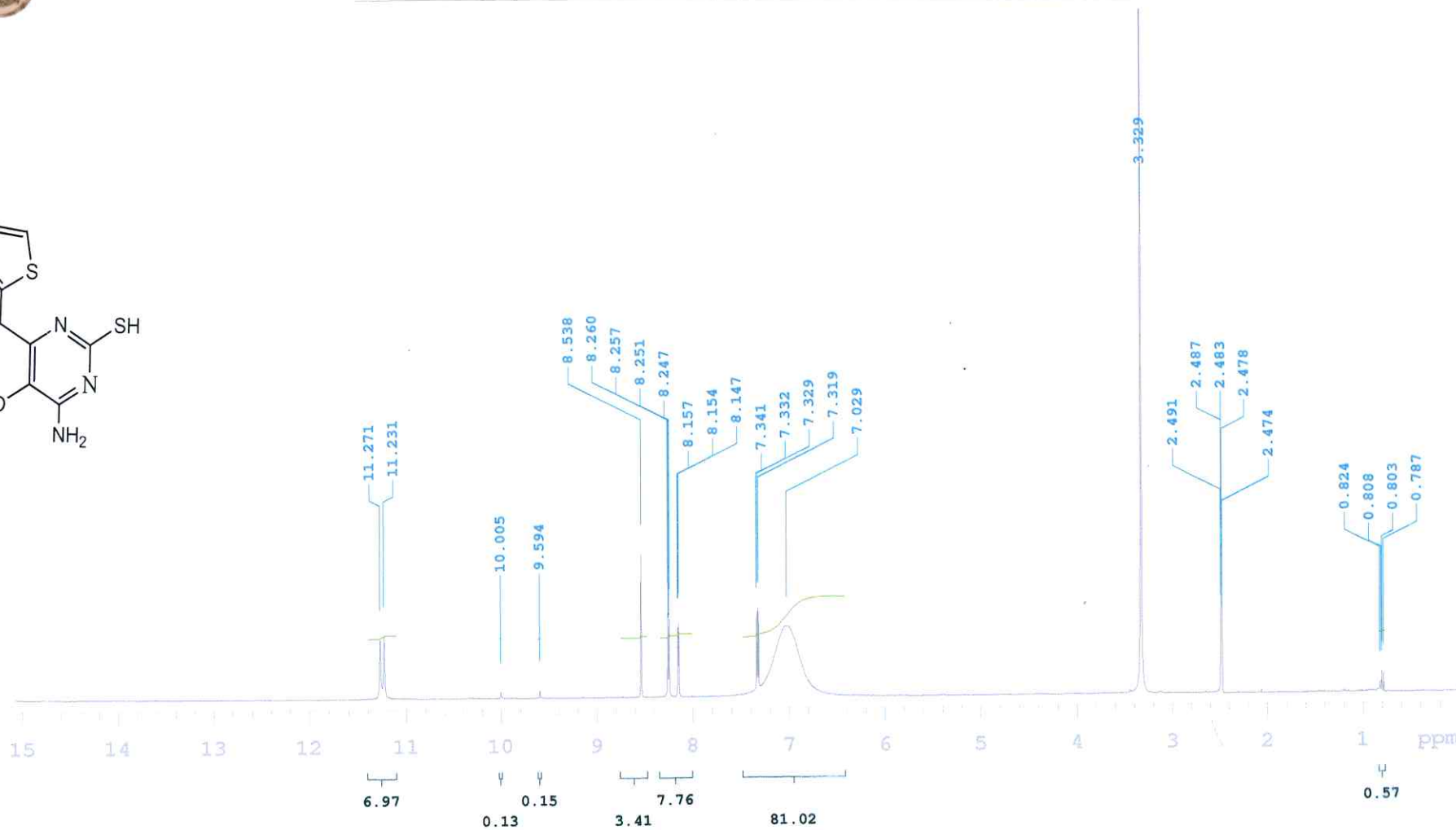
Dr-EmanHassan-E2

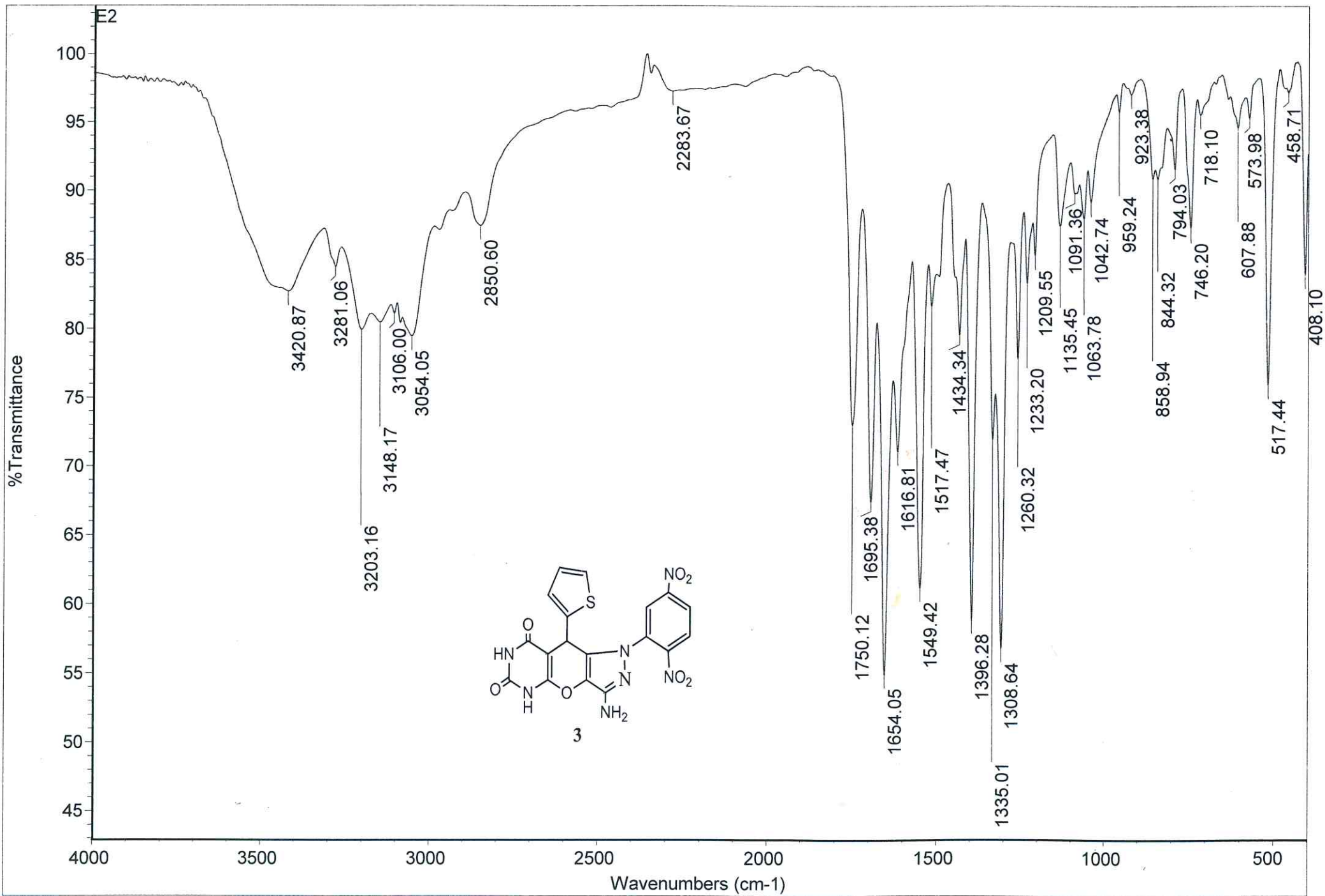
Sample Name **Dr-EmanHassan-E2**
Date collected **2019-02-24**

Pulse sequence **PROTON**
Solvent **DMSO**

Temperature **25**
Spectrometer **nmr400-mercury400**

Laboratory **MODCL**
NMR User





Dr_EmanHassan-E3

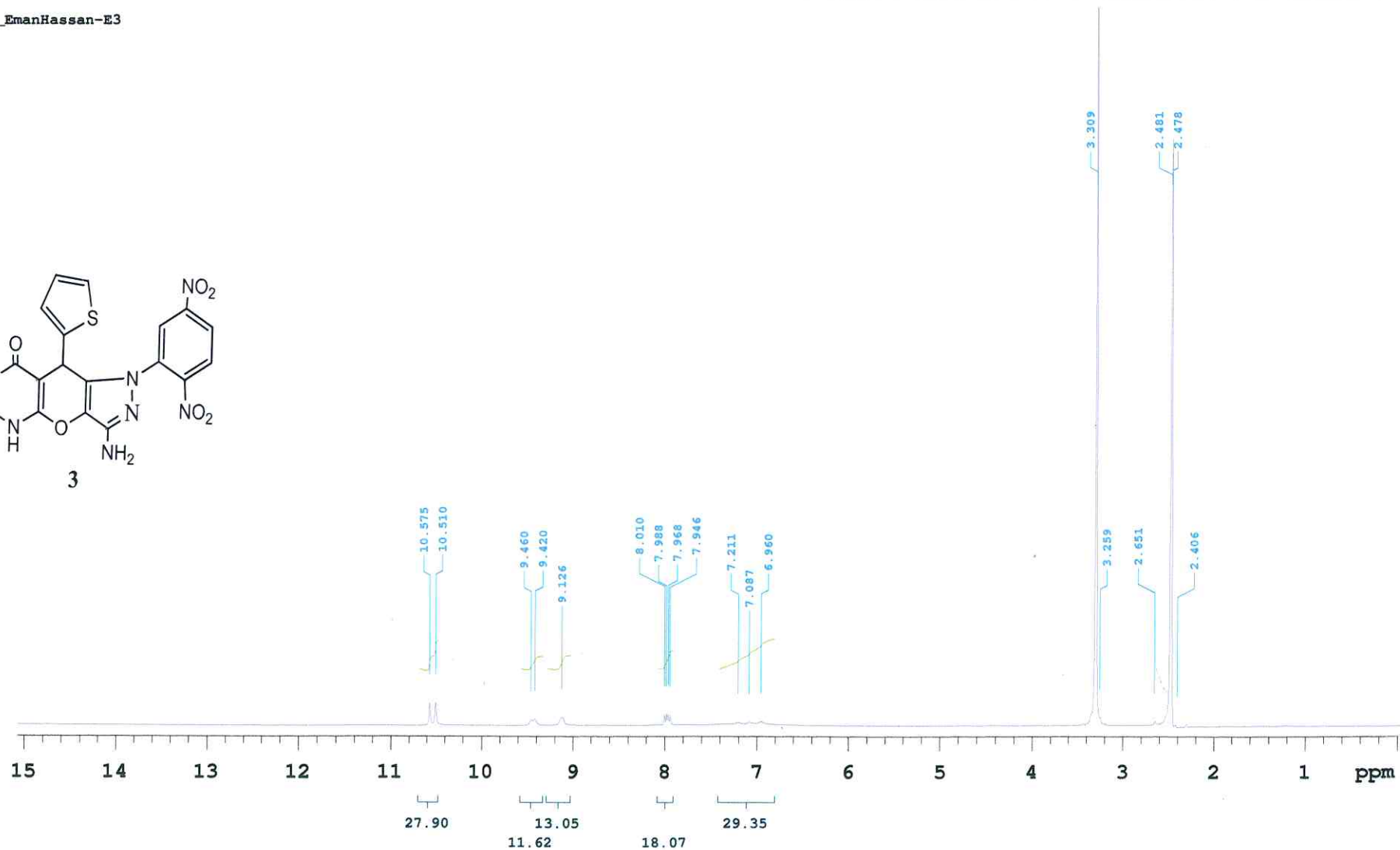
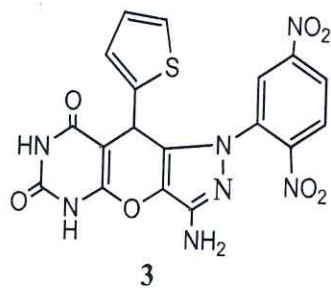
Sample Name **Dr_EmanHassan-E3**
Date collected **2018-09-16**

Pulse sequence **PROTON**
Solvent **DMSO**

Temperature **25**
Spectrometer **nmr400-mercury400**

Laboratory **MODCL**
NMR User **sameeh_Albadawy**

Dr_EmanHassan-E3



Plotname: Dr_EmanHassan-E3_PROTON_01_plot02



Dr-EmanHassan-E3

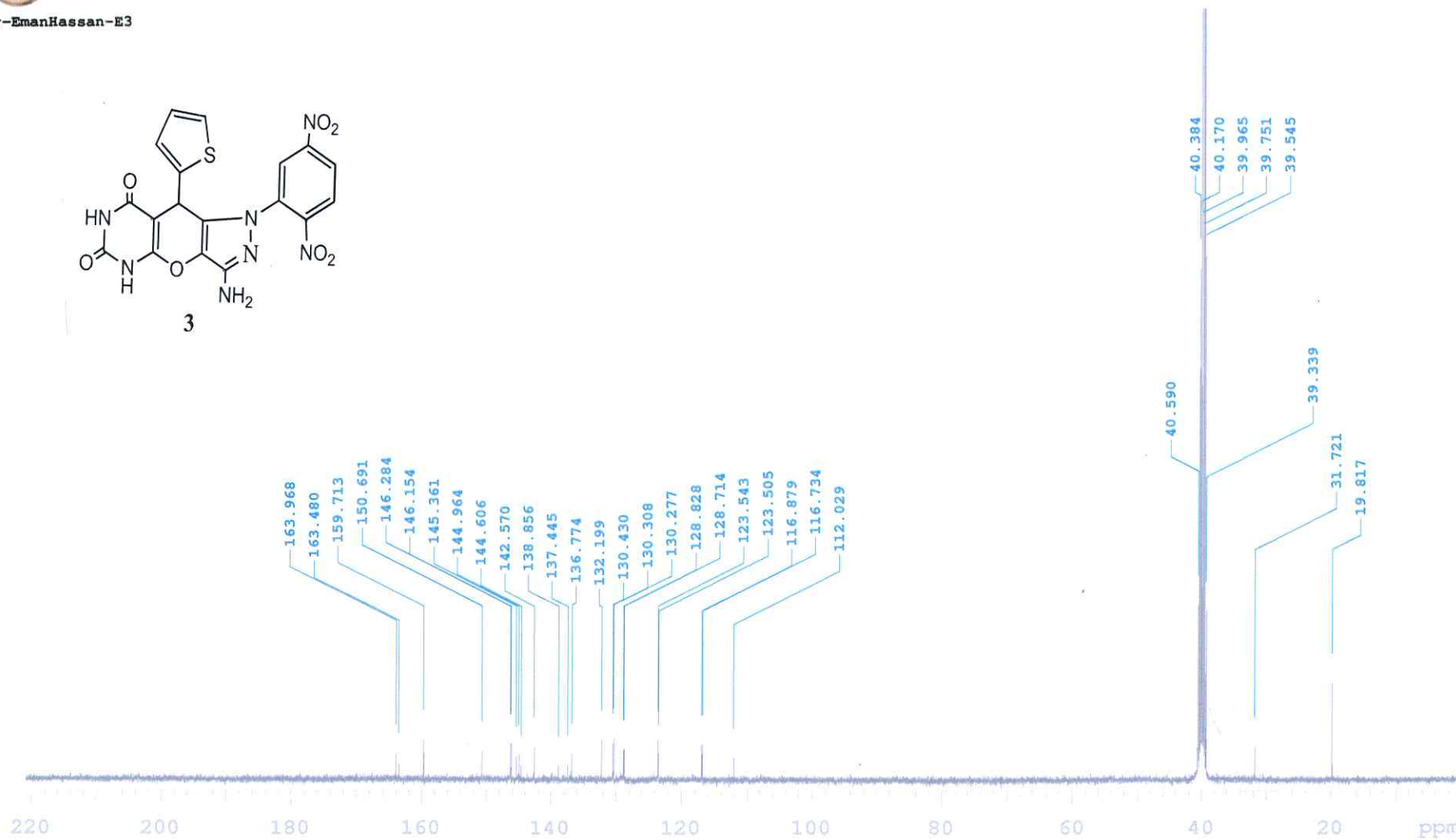
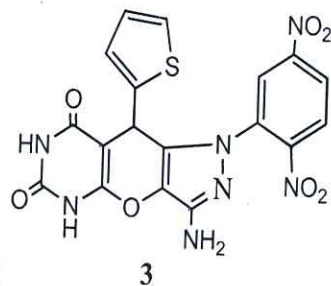
Dr-EmanHassan-E3

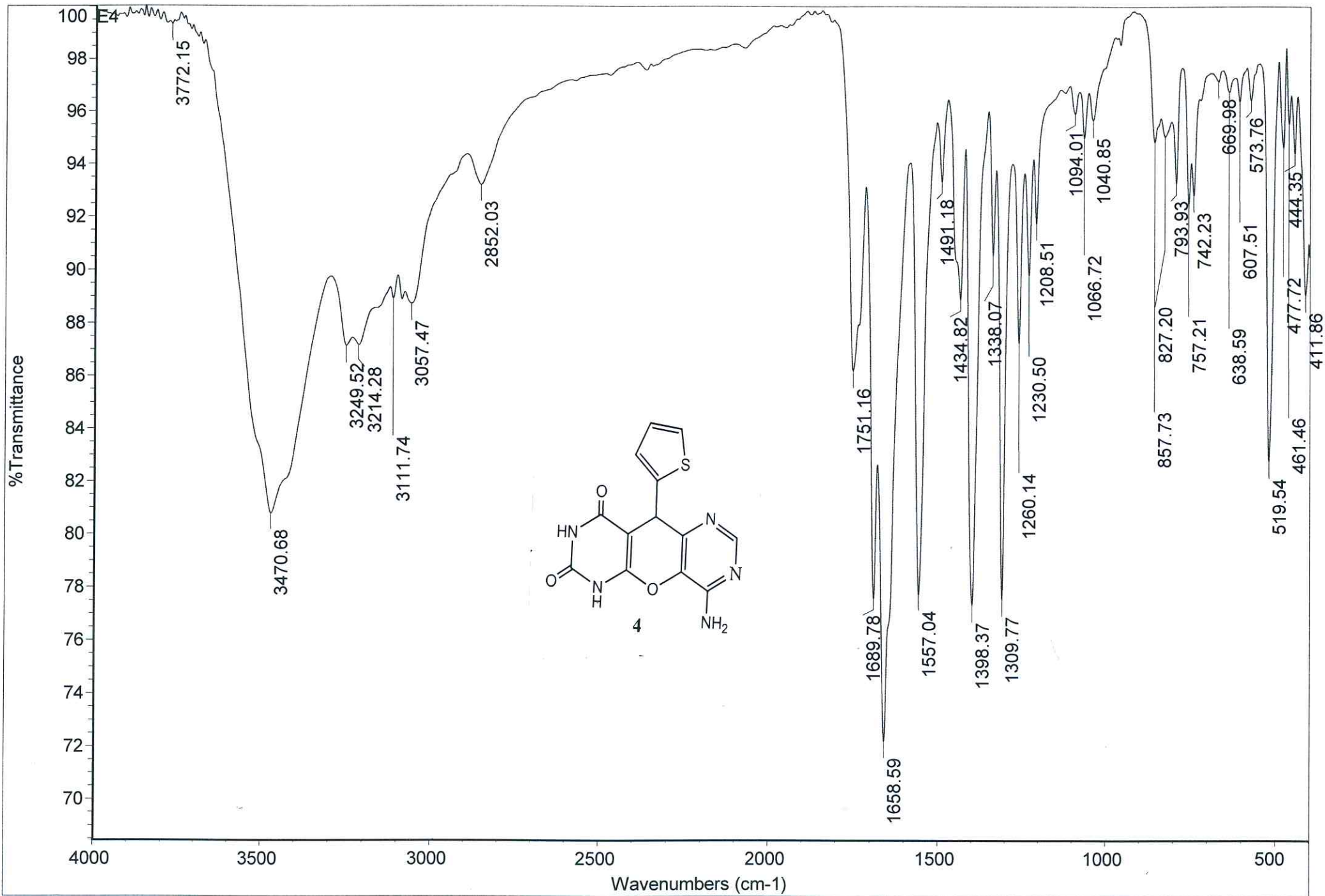
Sample Name **Dr-EmanHassan-E3**
Date collected **2019-02-23**

Pulse sequence **CARBON**
Solvent **DMSO**

Temperature **25**
Spectrometer **nmr400-mercury400**

Laboratory **MODCL**
NMR User







Dr-EmanHassan-E4

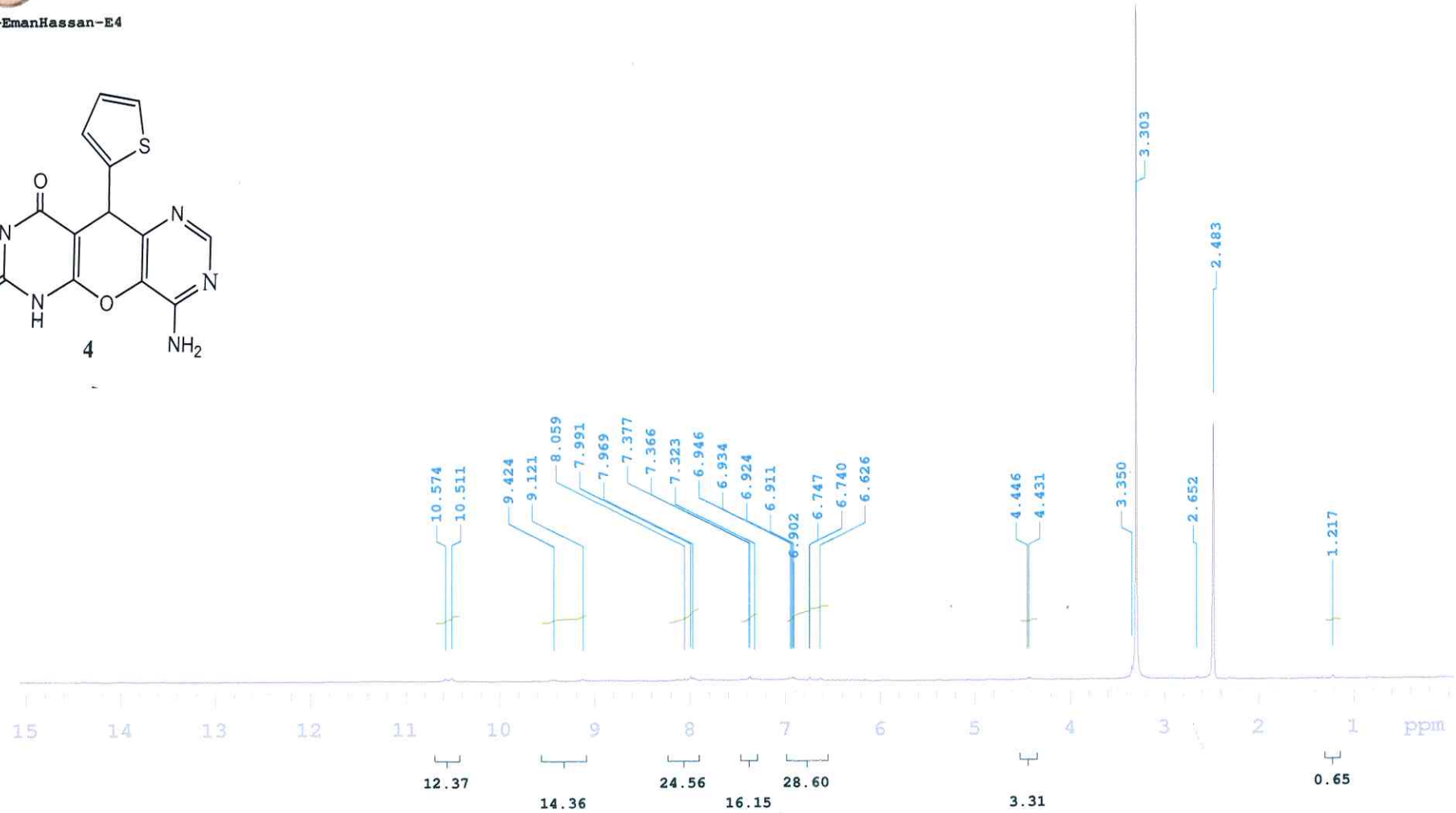
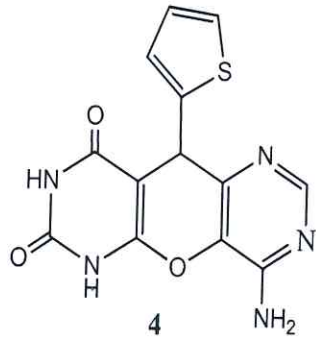
Sample Name **Dr-EmanHassan-E4**
Date collected **2019-02-24**

Pulse sequence **PROTON**
Solvent **DMSO**

Temperature **25**
Spectrometer **nmr400-mercury400**

Laboratory **MODCL**
NMR User **Cap-Ahmed zaher**

Dr-EmanHassan-E4



% Transmittance

100
98
96
94
92
90
88
86
84
82
80
78
76
74
72
70

3772.15

3470.68

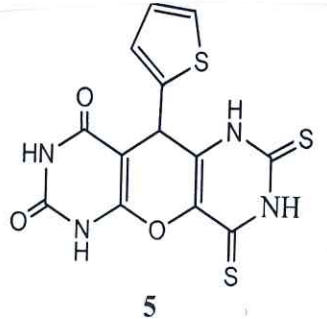
3249.52

3214.28

3111.74

3057.47

2852.03



2500

2000

1751.16

1689.78

1658.59

1557.04

1491.18

1434.82

1398.37

1338.07

1309.77

1260.14

1230.50

1208.51

1094.01

1066.72

1040.85

857.73

827.20

793.93

757.21

742.23

669.98

638.59

607.51

573.76

519.54

477.72

444.35

461.46

444.35

411.86

Wavenumbers (cm-1)



Dr-EmanHassan-E5

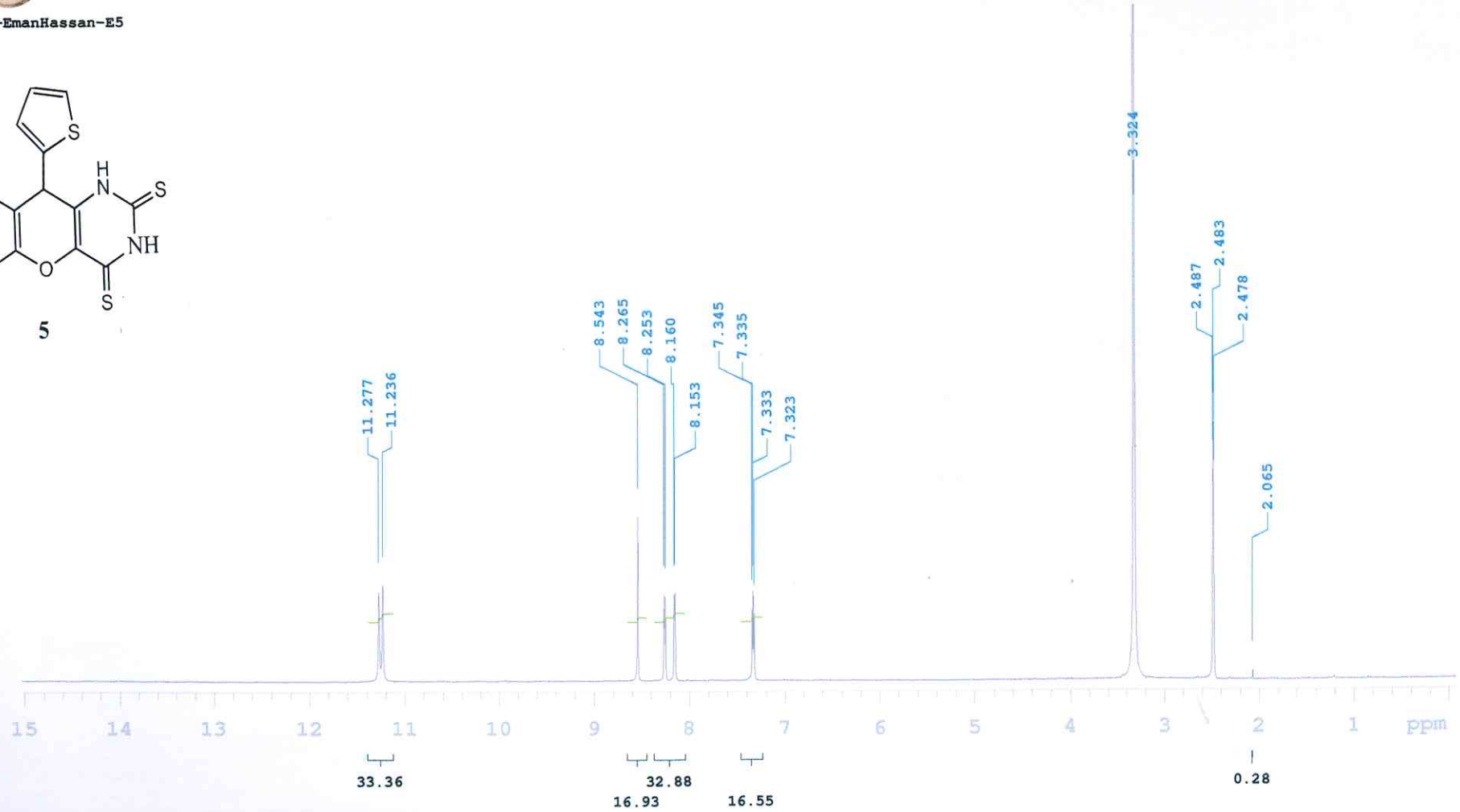
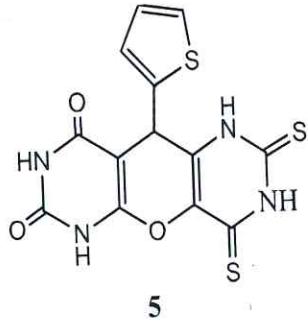
Dr-EmanHassan-E5

Sample Name **Dr-EmanHassan-E5**
Date collected **2019-02-24**

Pulse sequence **PROTON**
Solvent **DMSO**

Temperature **25**
Spectrometer **nmr400-mercury400**

Laboratory **MODCL**
NMR User





Dr-EmanHassan-E5

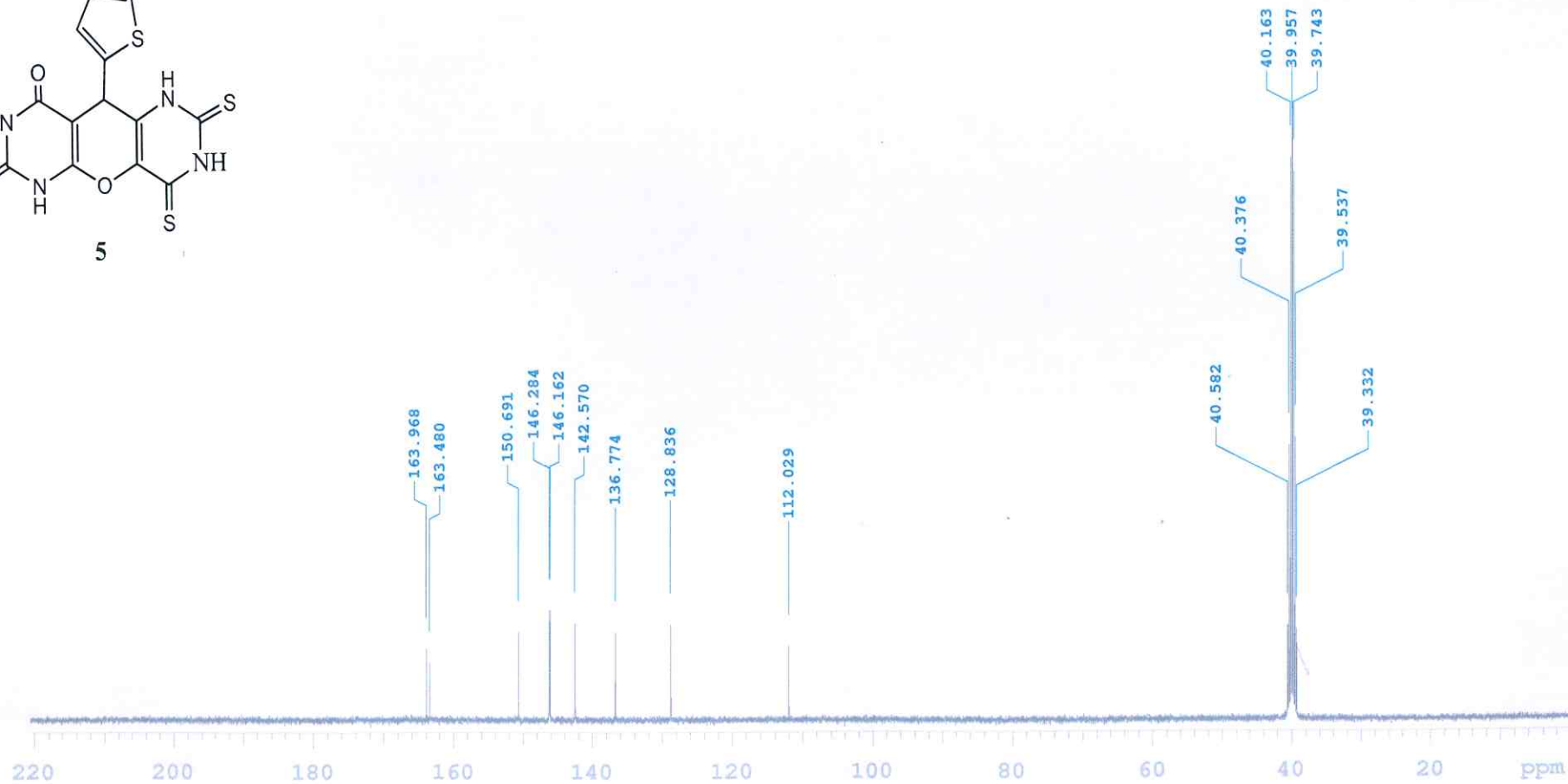
Dr-EmanHassan-E5

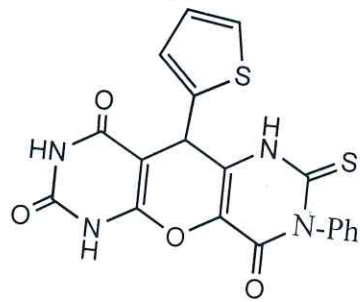
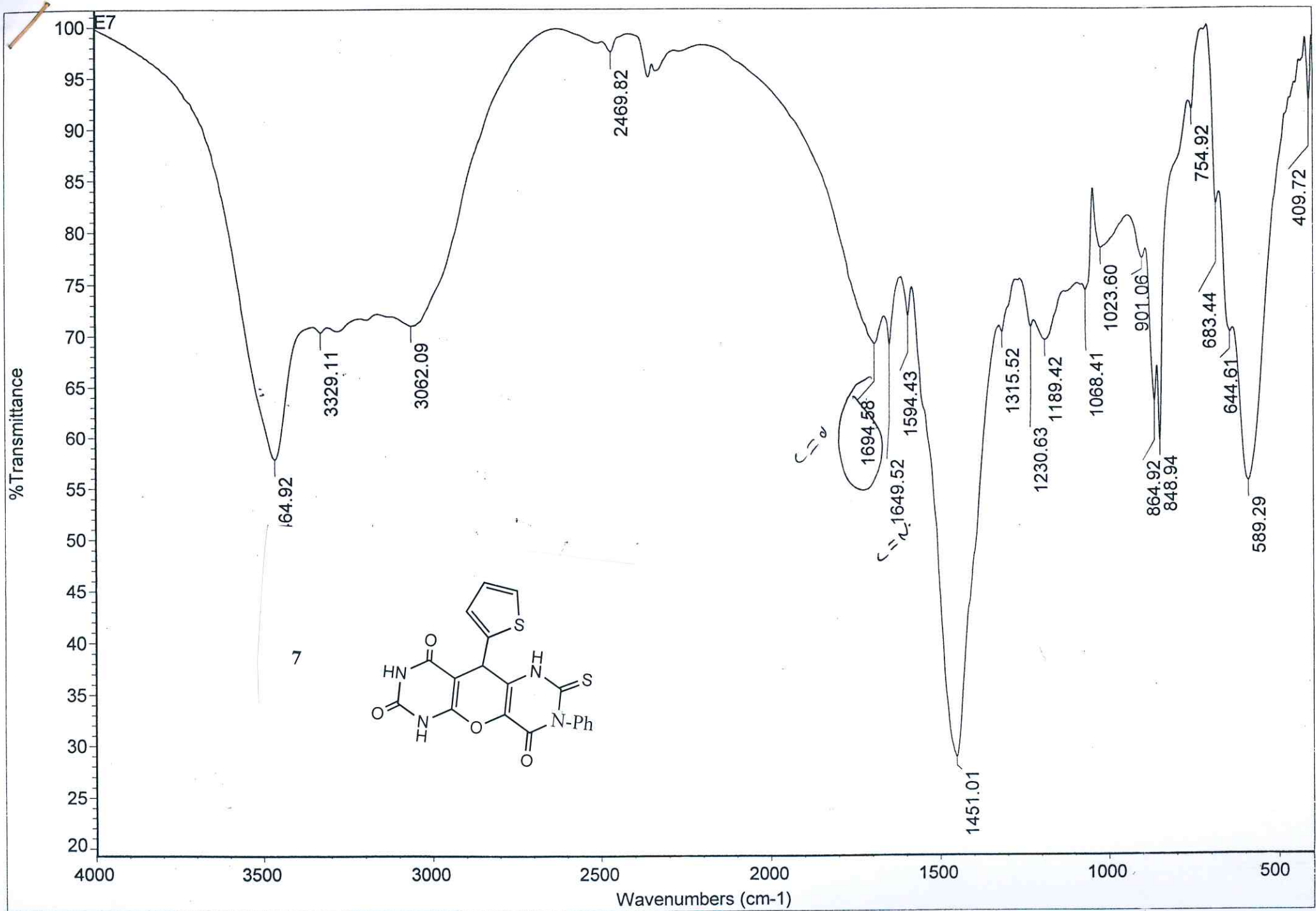
Sample Name **Dr-EmanHassan-E5**
Date collected **2019-02-24**

Pulse sequence **CARBON**
Solvent **DMSO**

Temperature **25**
Spectrometer **nmr400-mercury400**

Laboratory **MODCL**
NMR User







Dr-EmanHassan-E7

Dr-EmanHassan-E7

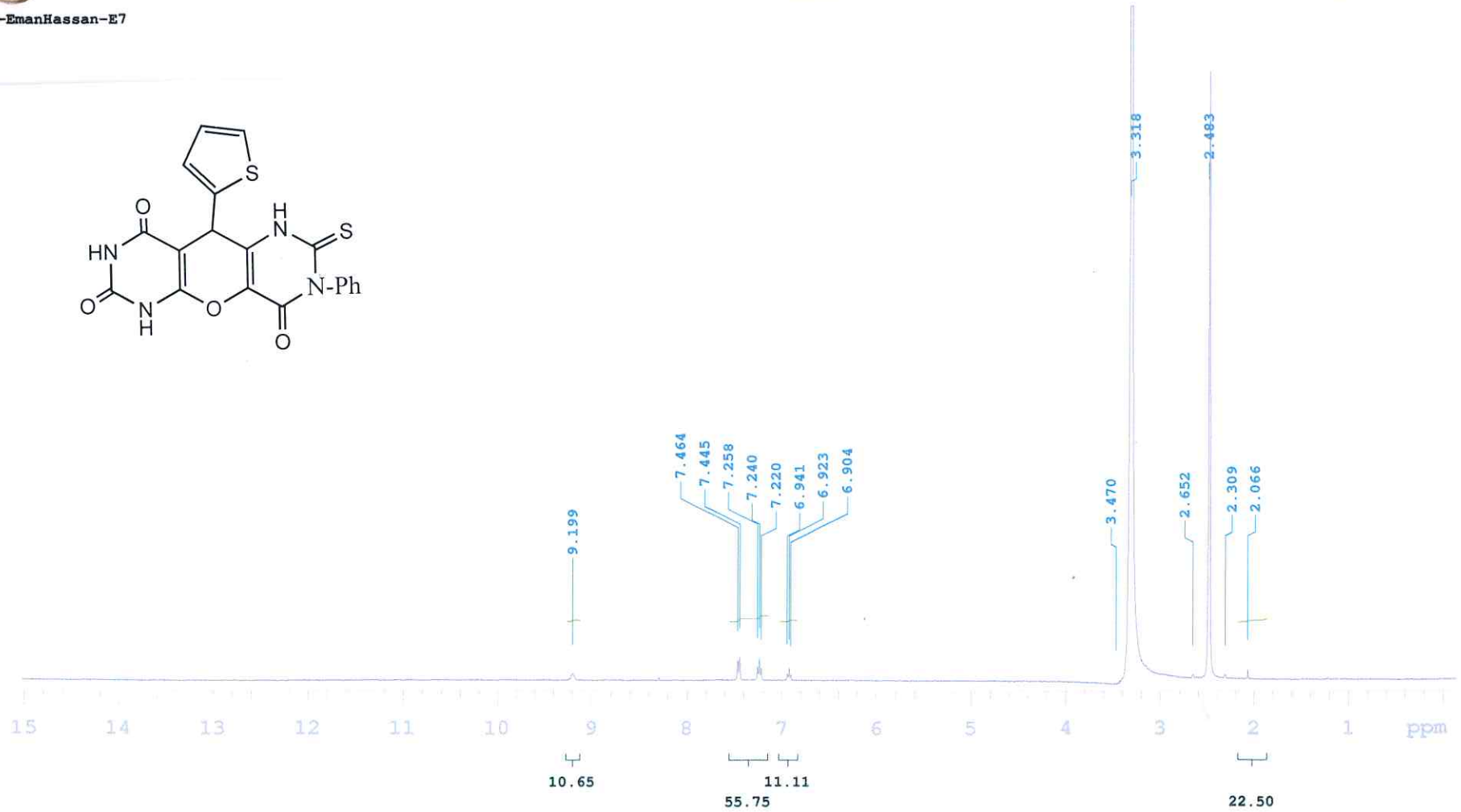
Sample Name **Dr-EmanHassan-E7**
Date collected **2019-02-24**

Pulse sequence **PROTON**
Solvent **DMSO**

Temperature **25**
Spectrometer **nmr400-mercury400**

Laboratory **MODCL**
NMR User **Cap-Ahmed zaher**

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Dr_EmanHassan-E6

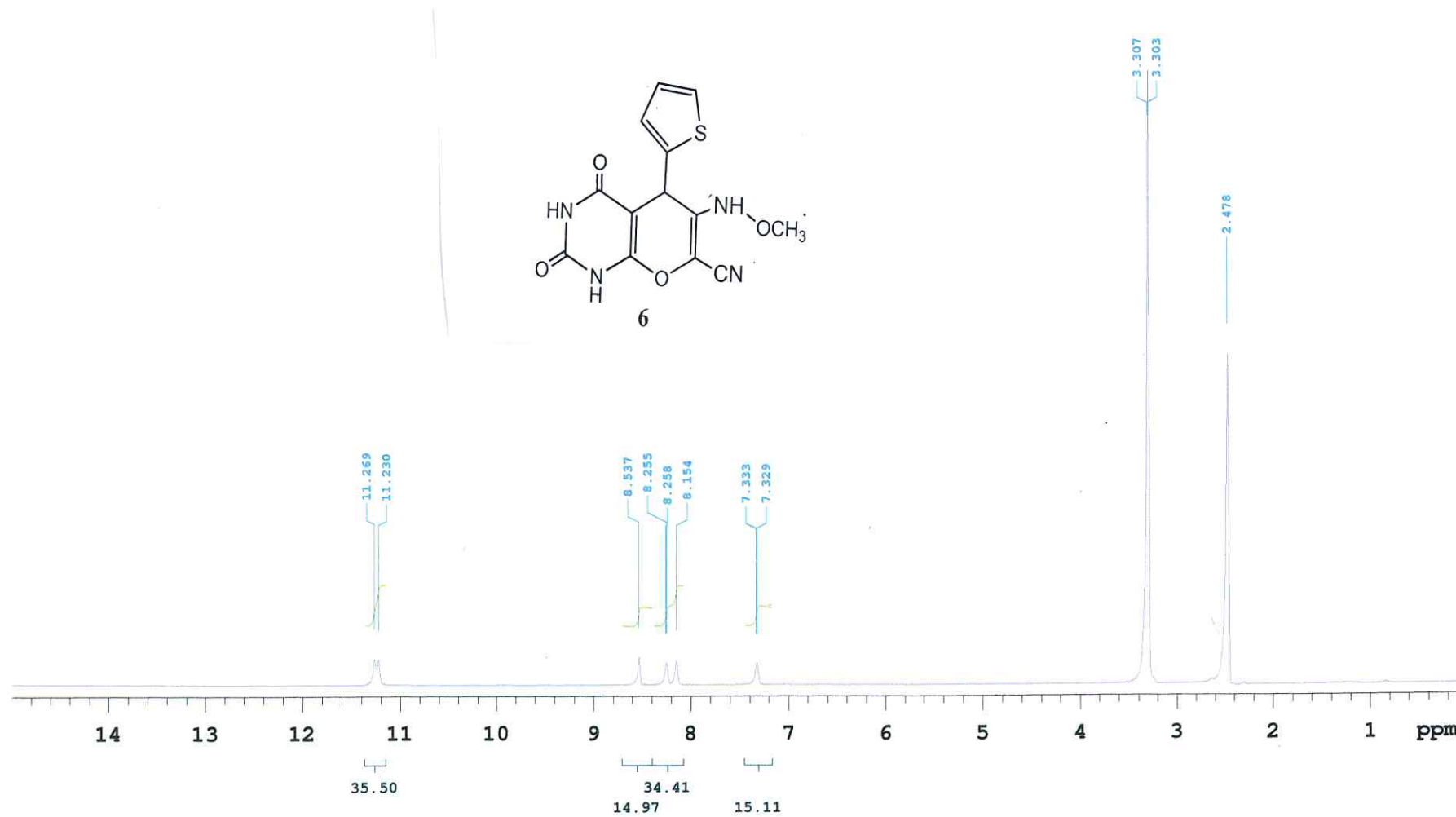
Sample Name **Dr_EmanHassan-E6**
Date collected **2018-09-16**

Pulse sequence **PROTON**
Solvent **DMSO**

Temperature **25**
Spectrometer **nmr400-mercury400**

Laboratory **MODCL**
NMR User **sameeh_Albadowy**

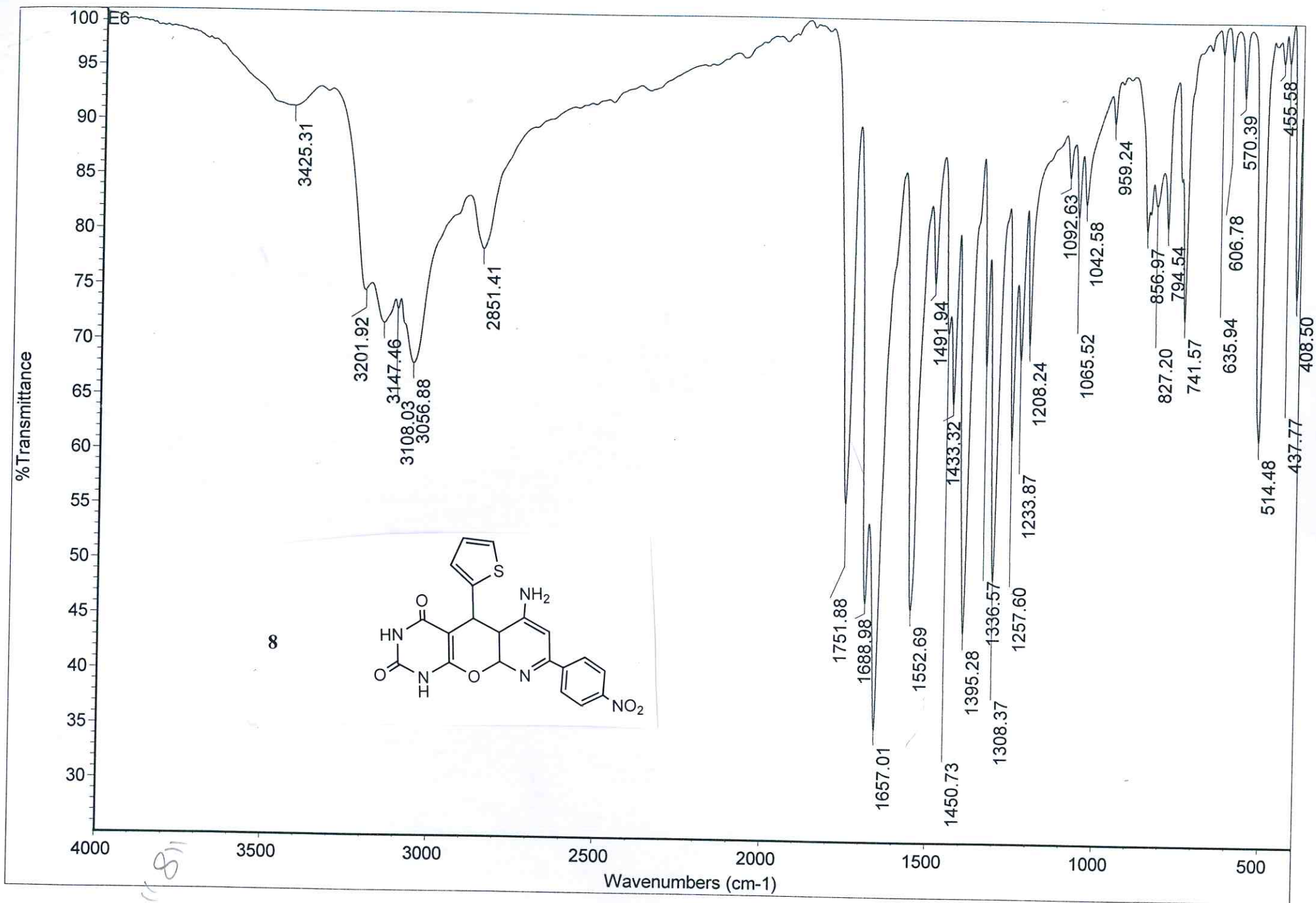
Dr_EmanHassan-E6



Plotname: Dr_EmanHassan-E6_PROTON_01_plot02

Data file /home/data/NMRlab2018/Sep/Dr_EmanHassan-E6_20180916_01/Dr_EmanHassan-E6_PROTON_01

Plot date 2018-09-16





Dr-EmanHassan-E8

Dr-EmanHassan-E8

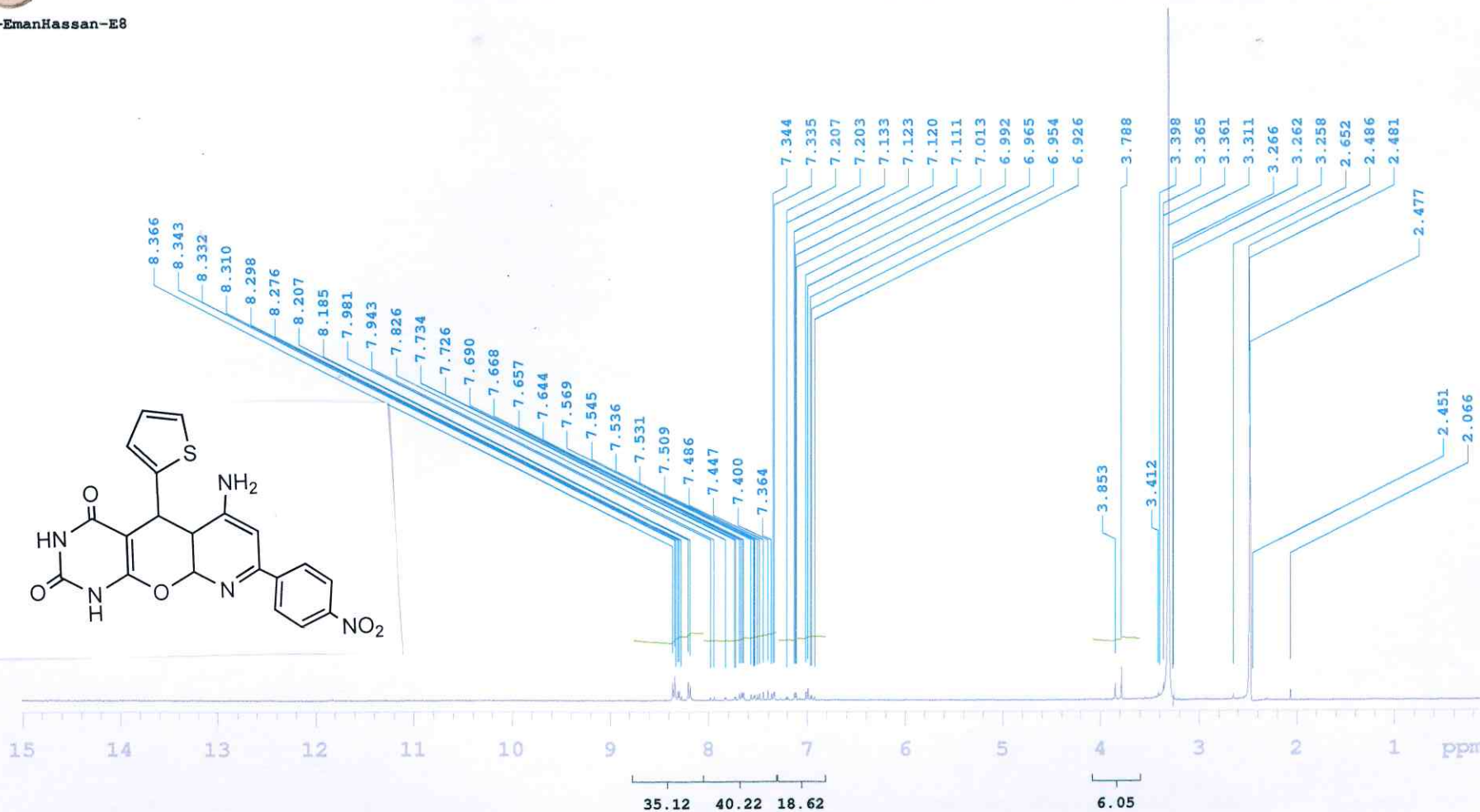
Sample Name **Dr-EmanHassan-E8**
Date collected **2019-02-23**

Pulse sequence **PROTON**
Solvent **DMSO**

Temperature **25**
Spectrometer **nmr400-mercury400**

Laboratory **MODCL**
NMR User

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Dr-EmanHassan-E8

Dr-EmanHassan-E8

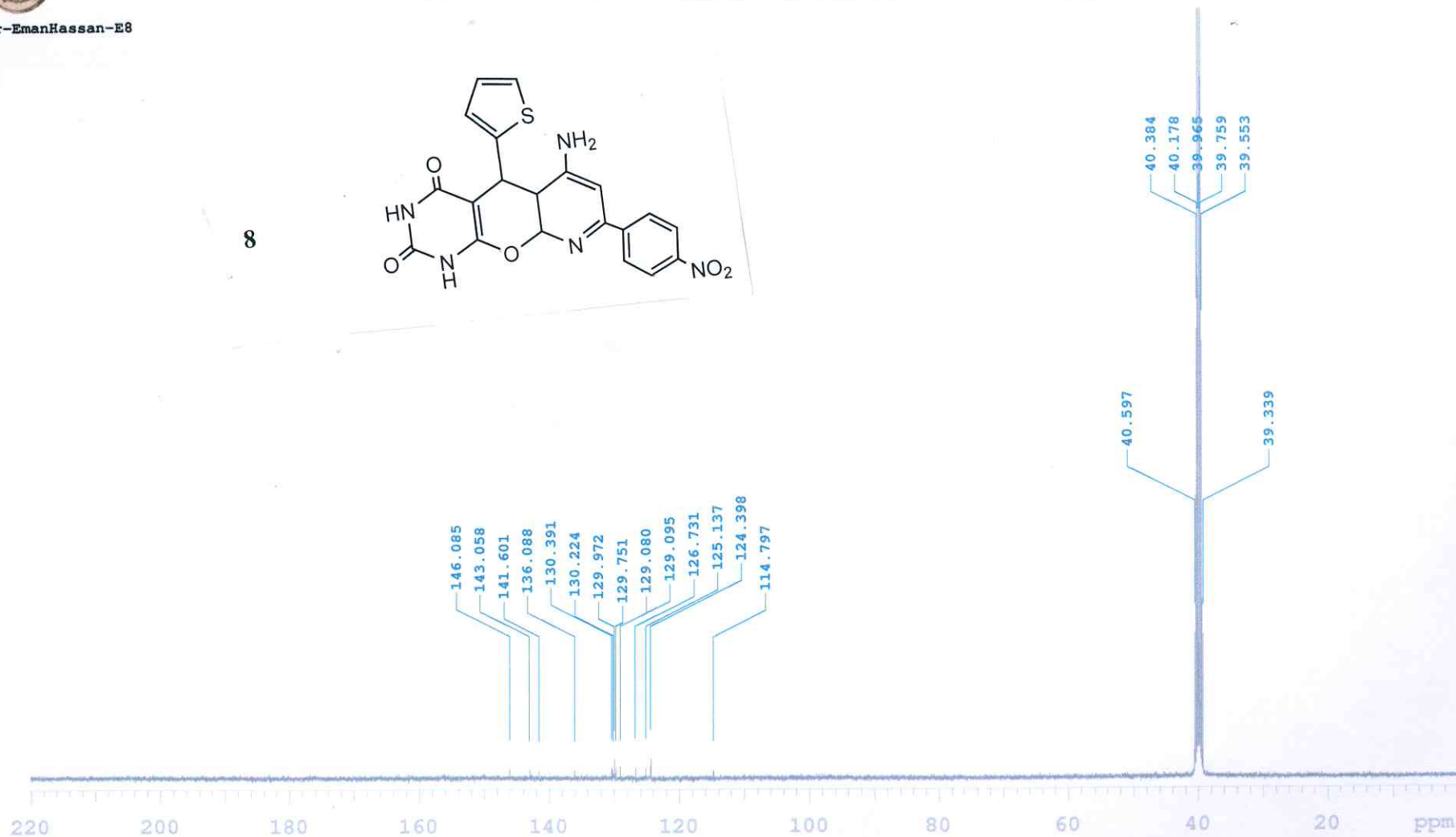
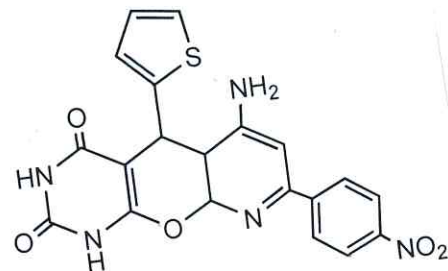
Sample Name **Dr-EmanHassan-E8**
Date collected **2019-02-23**

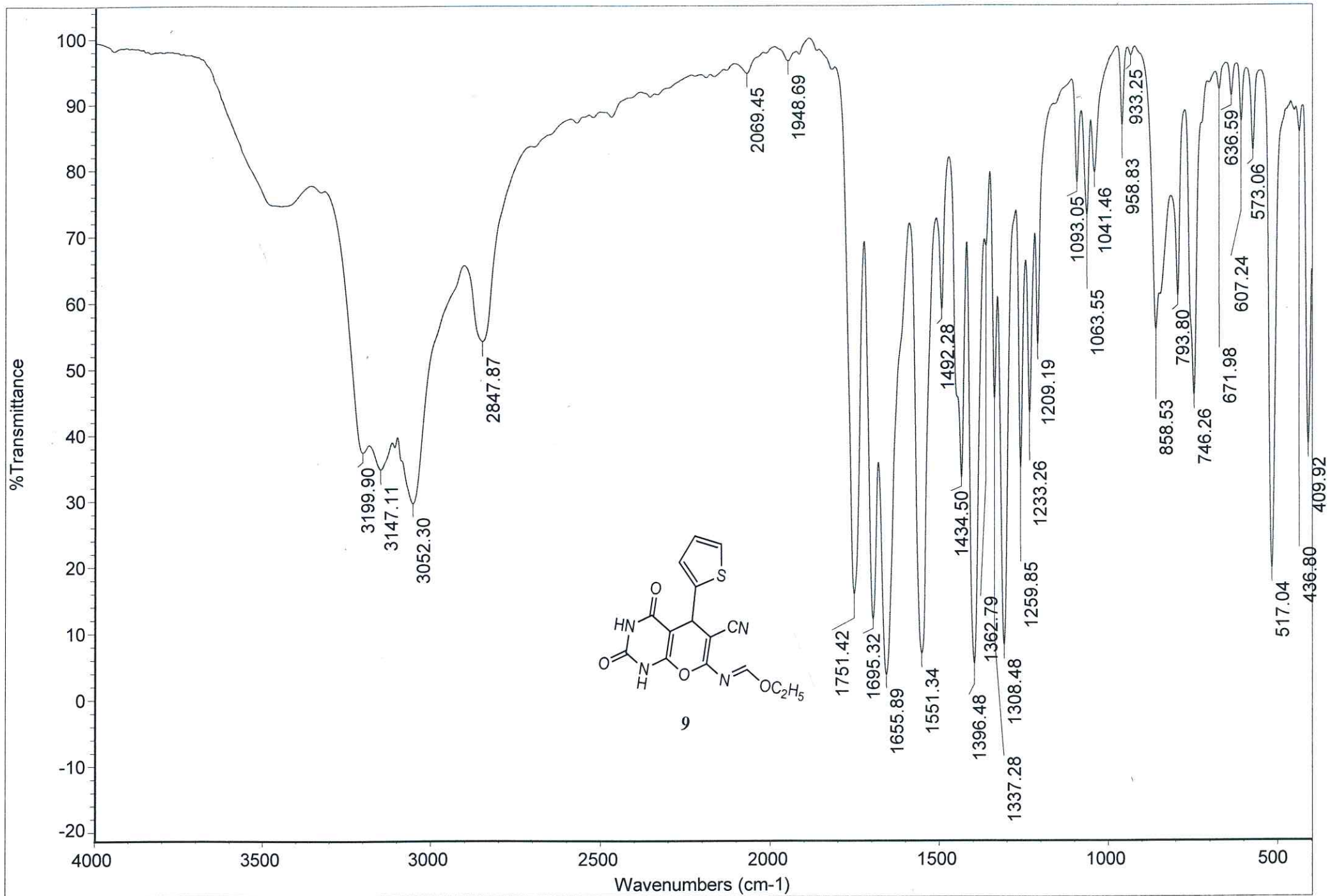
Pulse sequence **CARBON**
Solvent **DMSO**

Temperature **25**
Spectrometer **nmr400-mercury400**

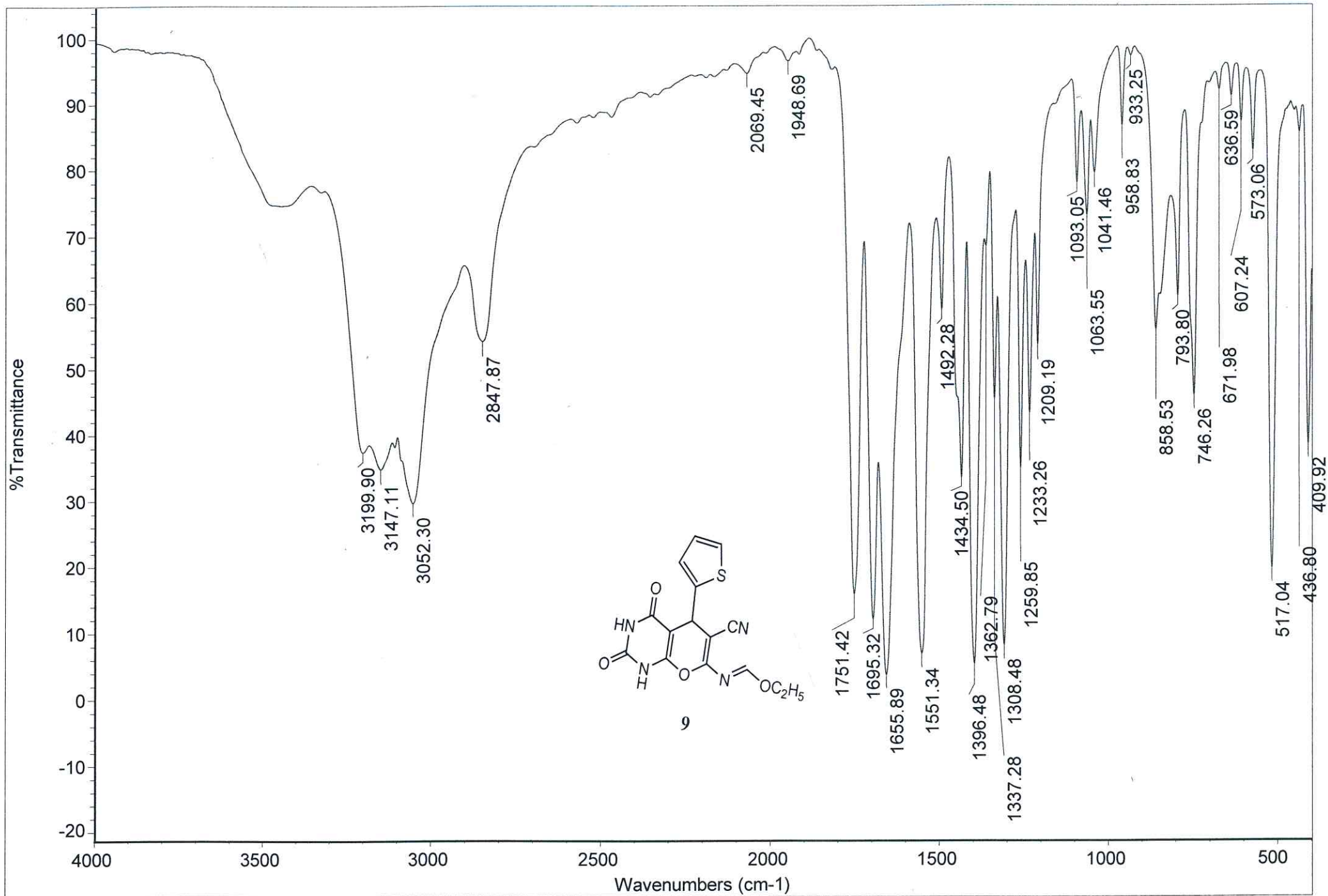
Laboratory **MODCL**
NMR User

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(6)



(6)



Dr-EmanHassan-E9

Sample Name **Dr-EmanHassan-E9**
Date collected **2019-02-23**

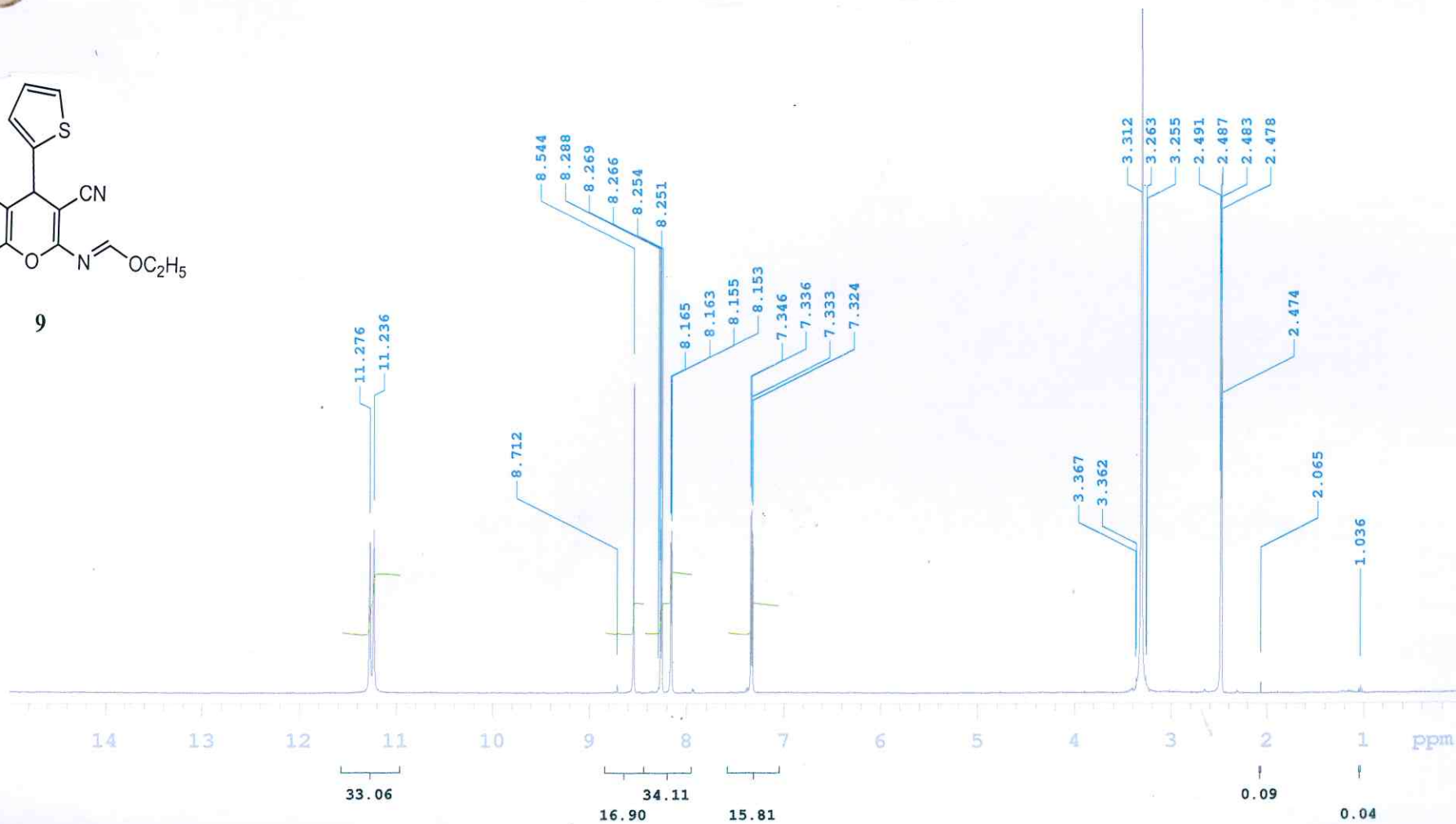
Pulse sequence **PROTON**
Solvent **DMSO**

Temperature **25**
Spectrometer **nmr400-mercury400**

Laboratory **MODCL**
NMR User



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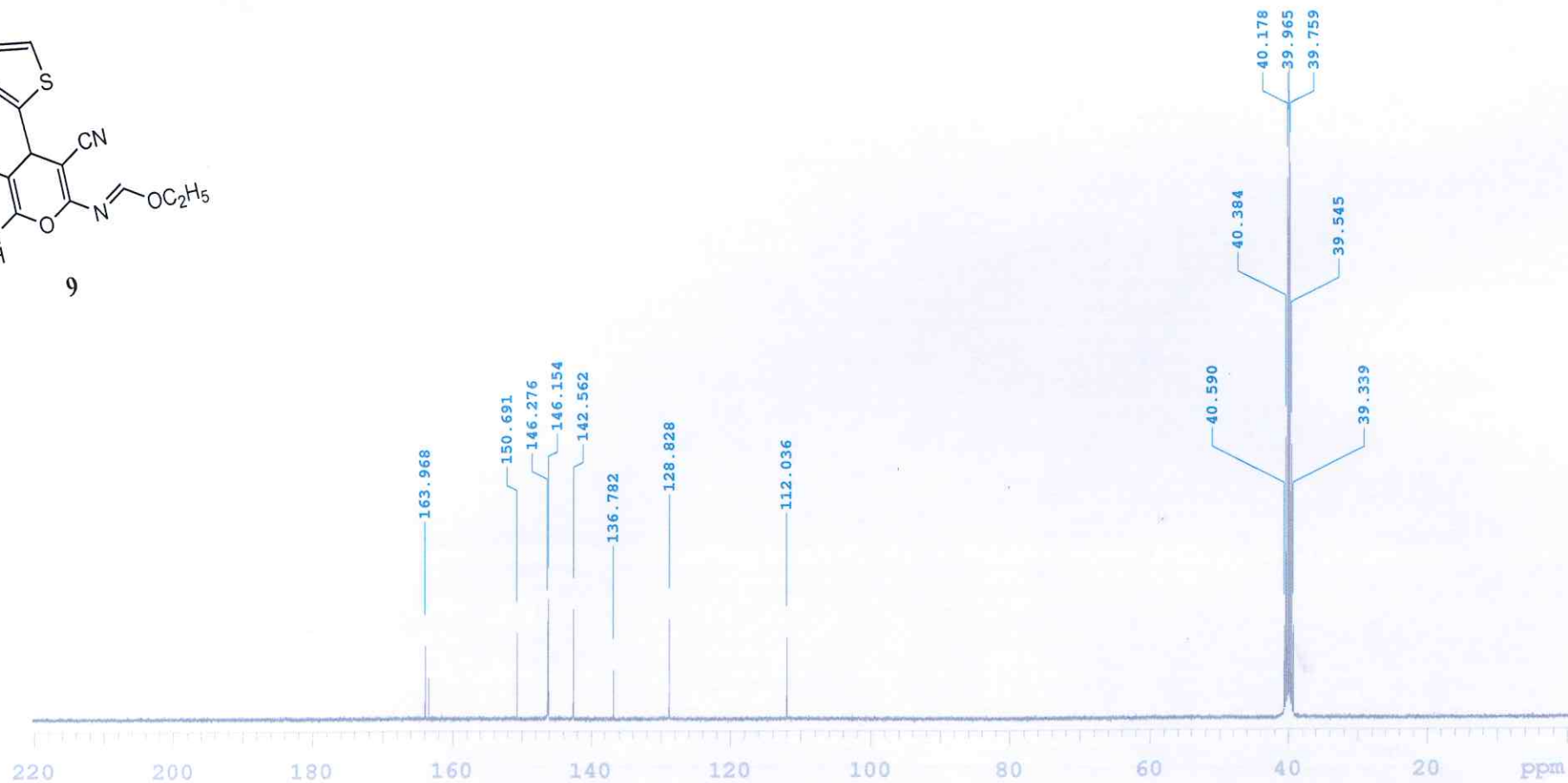
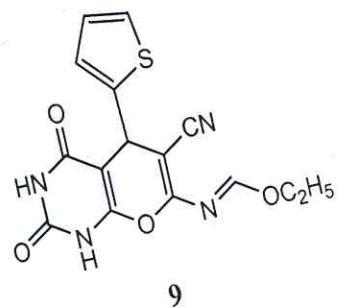
Dr-EmanHassan-E9

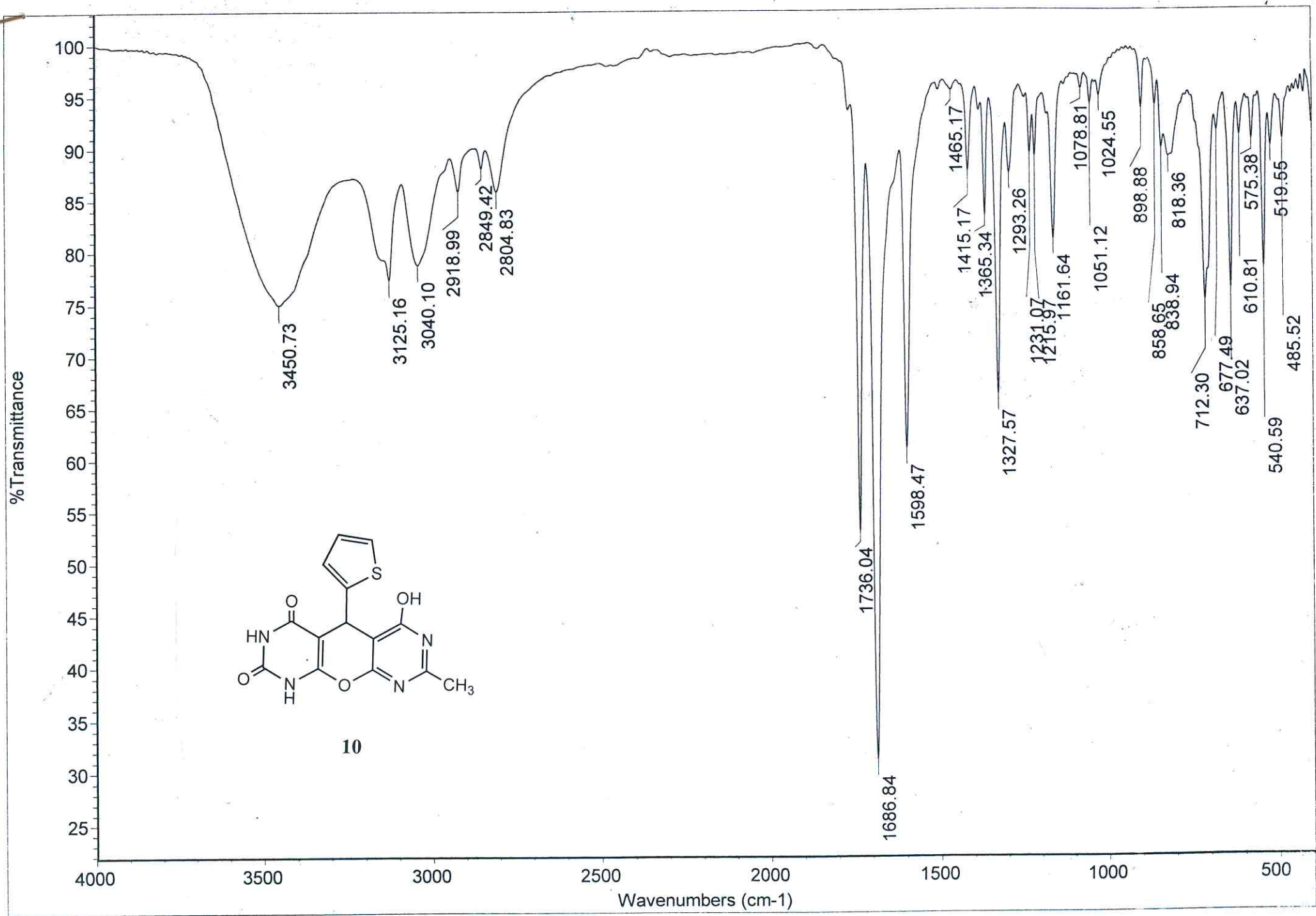
Sample Name **Dr-EmanHassan-E9**
Date collected **2019-02-23**

Pulse sequence **CARBON**
Solvent **DMSO**

Temperature **25**
Spectrometer **nmr400-mercury400**

Laboratory **MODCL**
NMR User





Dr_EmanHassan-10

Sample Name **Dr_EmanHassan-10**
Date collected **2018-09-16**

Pulse sequence **PROTON**
Solvent **DMSO**

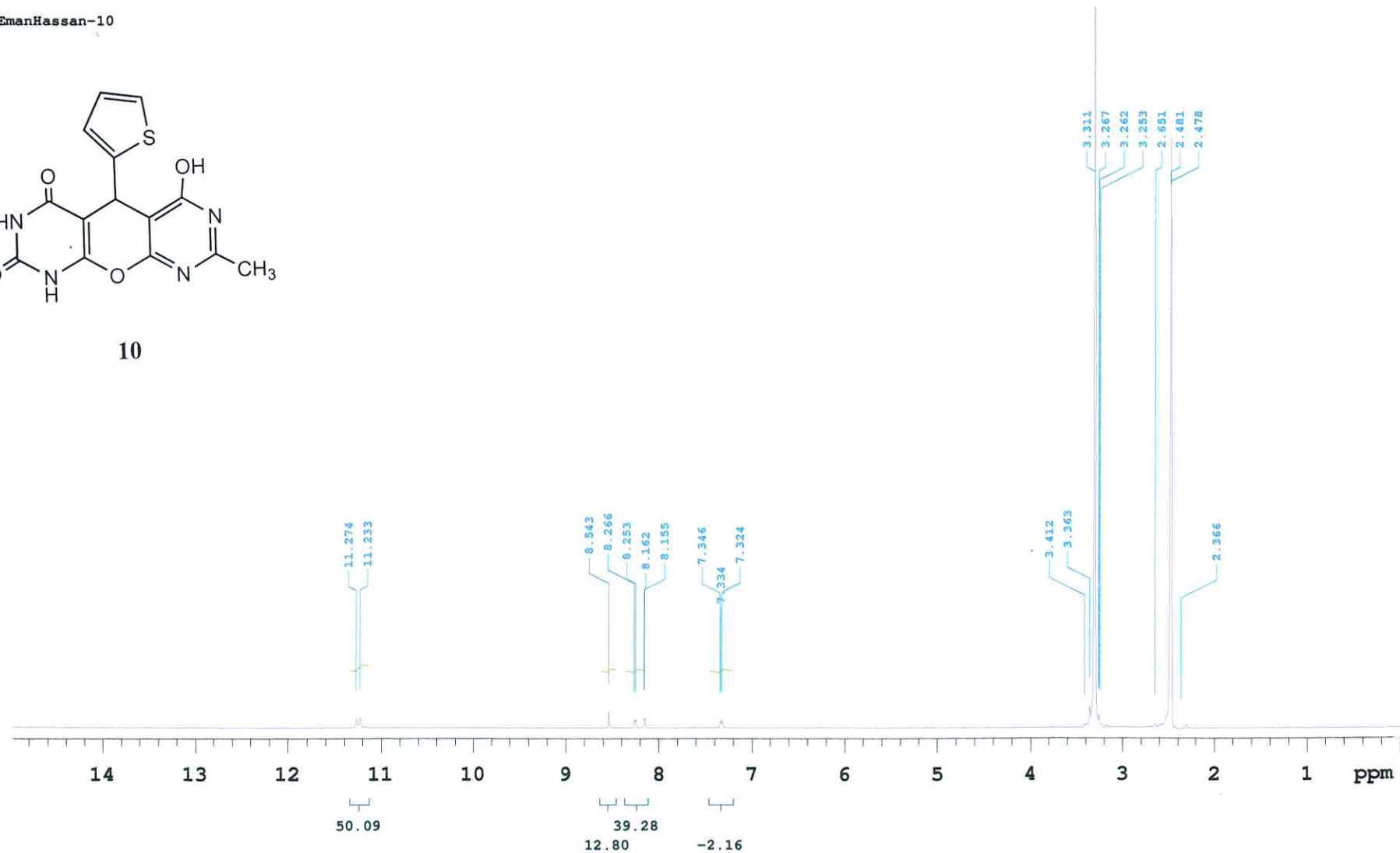
Temperature **25**
Spectrometer **nmr400-mercury400**

Laboratory **MODCL**
NMR User **sameeh_Albadawy**

Dr_EmanHassan-10



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Plotname: Dr_EmanHassan-10_PROTON_01_plot02



Dr-EmanHassan-E10

Sample Name **Dr-EmanHassan-E10**
Date collected **2019-02-24**

Pulse sequence **CARBON**
Solvent **DMSO**

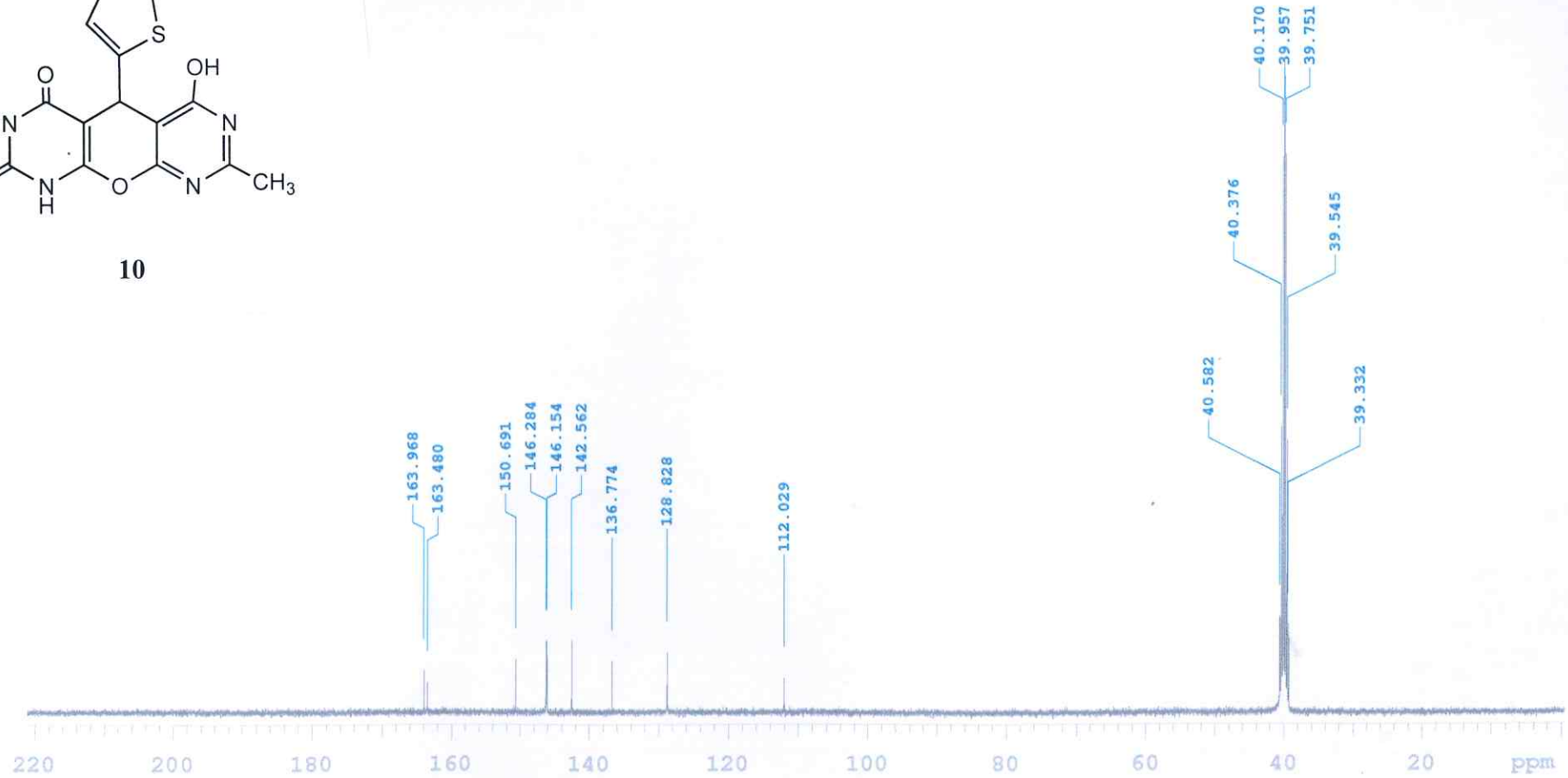
Temperature **25**
Spectrometer **nmr400-mercury400**

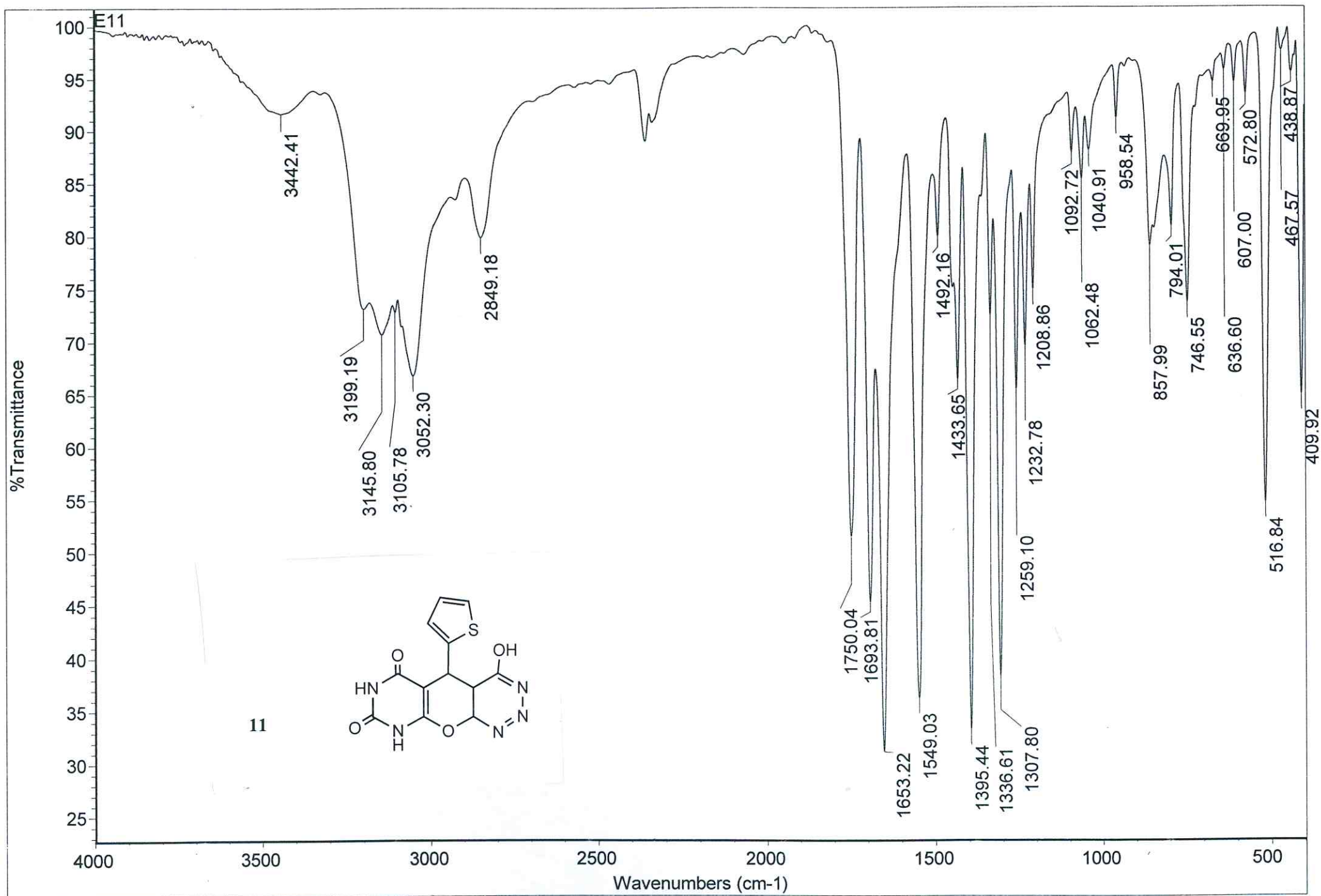
Laboratory **MODCL**
NMR User

Dr-EmanHassan-E10



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Dr-EmanHassan-E11

Dr-EmanHassan-E11

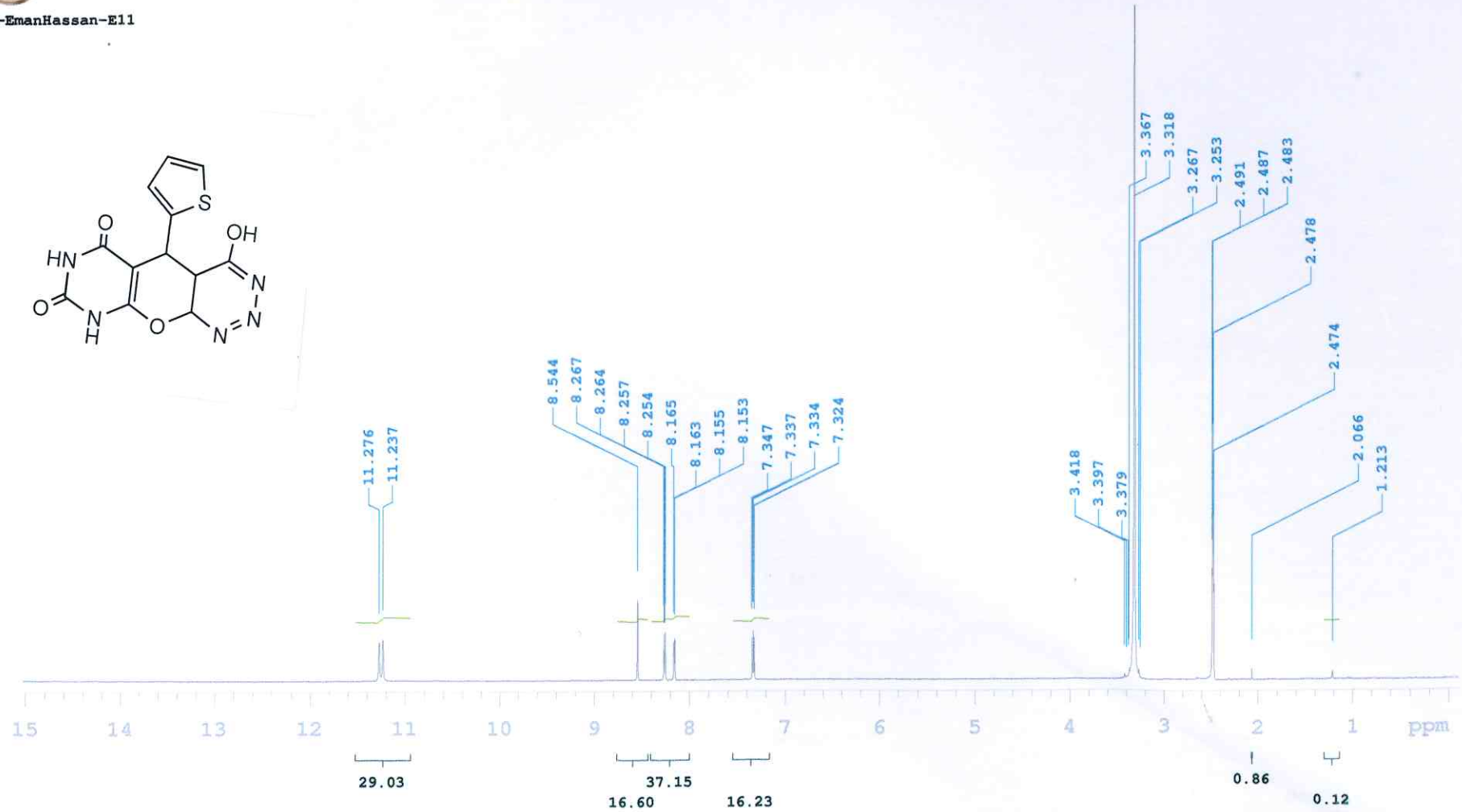
Sample Name **Dr-EmanHassan-E11**
Date collected **2019-02-24**

Pulse sequence **PROTON**
Solvent **DMSO**

Temperature **25**
Spectrometer **nmr400-mercury400**

Laboratory **MODCL**
NMR User

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Dr-EmanHassan-E11

Dr-EmanHassan-E11

Sample Name **Dr-EmanHassan-E11**
Date collected **2019-02-24**

Pulse sequence **CARBON**
Solvent **DMSO**

Temperature **25**
Spectrometer **nmr400-mercury400**

Laboratory **MODCL**
NMR User

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