

Synthesis and Anticandidal Activity Evaluation of New Benzimidazole-thiazole Derivatives

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DOPNALAB

Item	Value
Acquired Date&Time	11.10.2017 11:18:18
Acquired by	System Administrator
Filename	C:\Users\dopnalab\Desktop\derya\BZ serisi\BZ-31.ispd
Spectrum name	BZ-31
Sample name	BZ-3
Sample ID	
Option	
Comment	
No. of Scans	10
Resolution	4 [cm-1]
Apodization	Happ-Genzel

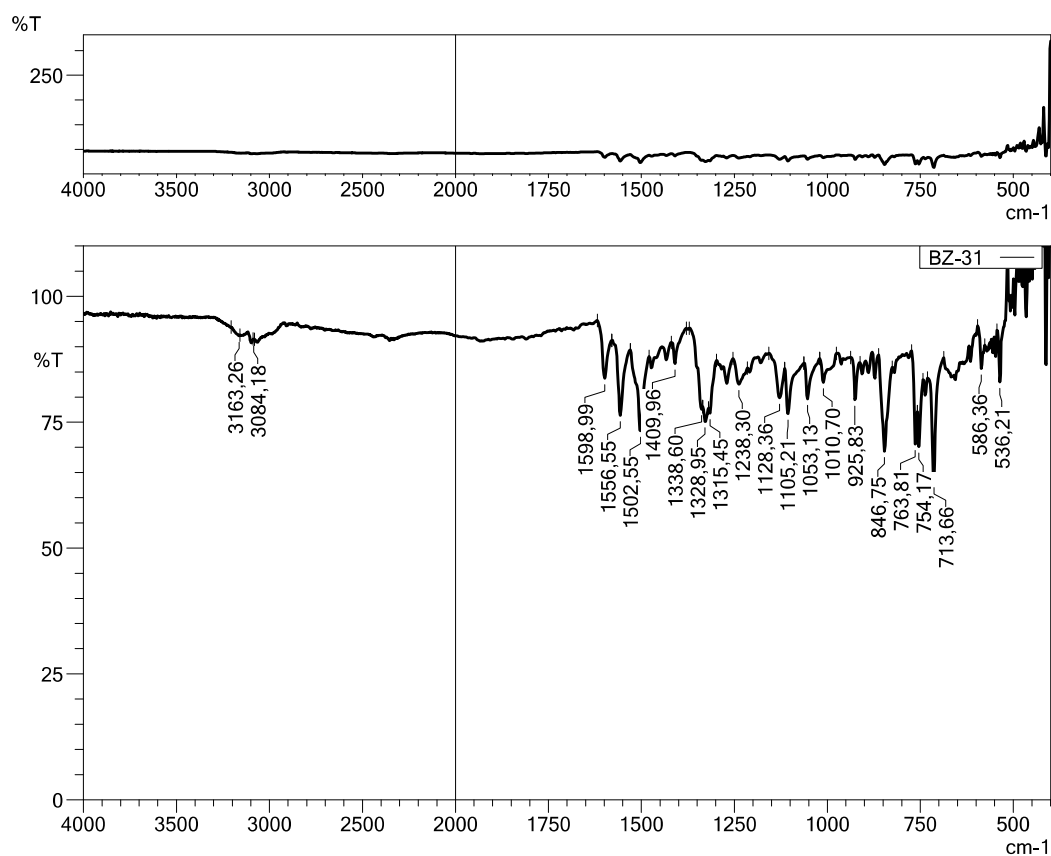
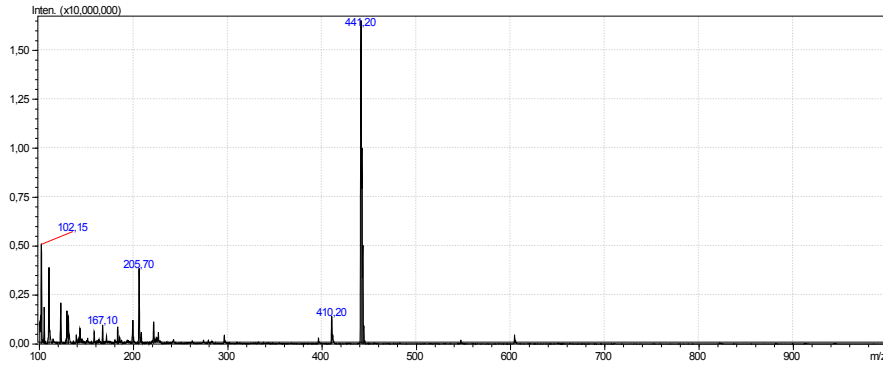


Figure S1. Compound 3c IR spectrum

LCMSMS ANALİZ RAPORU

Sample Name : BZ-3
Sample ID :
Data Filename : BZ-3_013.lcd
Method Filename : Muratsentez.lcm
Batch Filename : sentez1.lcb
Vial # : 1-3
Injection Volume : 1 uL
Date Acquired : 27.10.2017 15:14:36
Date Processed : 27.10.2017 15:16:39
Sample Type : Unknown
Acquired by : System Administrator
Processed by : System Administrator



[MS Spectrum]

of Peaks 17

Raw Spectrum [0,034->0,609],[scan:[3->37]]

Background No Background Spectrum

Base Peak m/z 441,20 (Inten : 16.534.486)

m/z Absolute Intensity Relative Intensity

183,10 881057 5,33

199,00 1214039 7,34

205,70 3859284 23,34

221,20 1131750 6,84

410,20 1409243 8,52

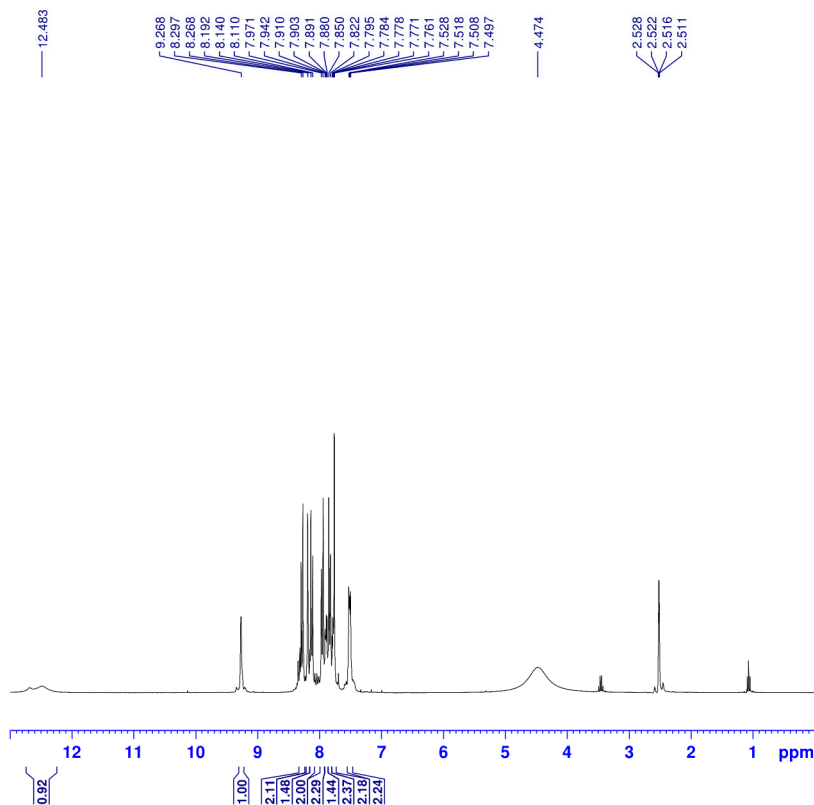
441,20 16534486 100,00

442,20 10021220 60,61

443,20 5039385 30,48

444,20 936814 5,67

Figure S2. Compound 3c mass spectrum



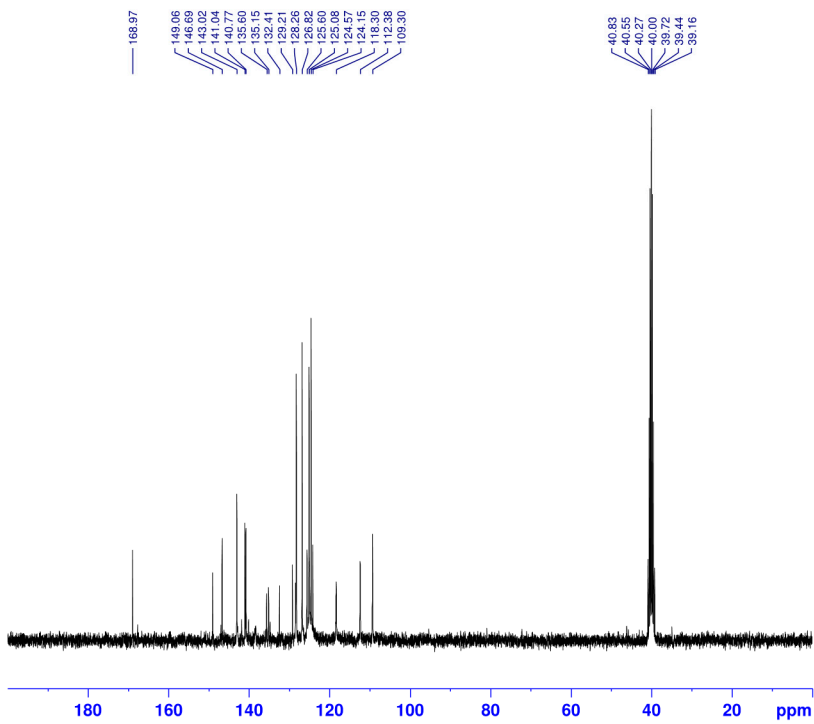
Current Data Parameters
 NAME B2-3
 EXPNO 1
 PROCNO 1

F2 - Acquisition Parameters
 Date_ 20170916
 Time 18.00
 INSTRUM FOURIER300
 PROBHD 5 mm DUL 13C-1
 PULPROG zg
 TD 16384
 SOLVENT DMSO
 NS 16
 DS 0
 SWH 6103.516 Hz
 FIDRES 0.372529 Hz
 AQ 1.3421773 sec
 RG 14.0732
 DW 81.920 usec
 DE 6.50 usec
 TE 299.9 K
 D1 3.0000000 sec
 TD0 1

----- CHANNEL f1 -----
 SF01 300.1818537 MHz
 NUC1 1H
 P1 13.00 usec
 PLW1 10.0000000 W

F2 - Processing parameters
 SI 6536
 SF 300.1799953 MHz
 WDW EM
 SSB 0
 LB 0.30 Hz
 GB 0
 PC 1.00

Figure S3. Compound 3c ¹H-NMR spectrum



Current Data Parameters
 NAME B2-3
 EXPNO 2
 PROCNO 1

F2 - Acquisition Parameters
 Date_ 20170916
 Time 18.01
 INSTRUM FOURIER300
 PROBHD 5 mm DUL 13C-1
 PULPROG zgpg30
 TD 32768
 SOLVENT DMSO
 NS 2048
 DS 4
 SWH 24414.063 Hz
 FIDRES 0.745058 Hz
 AQ 0.6710886 sec
 RG 501.187
 DW 20.480 usec
 DE 6.50 usec
 TE 300.0 K
 D1 1.0000000 sec
 D11 0.0300000 sec
 D31 0.00001500 sec
 D32 0.89999998 sec
 D40 0.00093990 sec
 L4 23
 L5 26
 F32 90.00 usec
 TD0 1

----- CHANNEL f1 -----
 SF01 75.4878687 MHz
 NUC1 13C
 P1 15.00 usec
 PLW1 15.0000000 W

----- CHANNEL f2 -----
 SF02 300.1812007 MHz
 NUC2 1H
 CPDPRG2 waltz16
 PCPD2 90.00 usec
 PLW2 10.0000000 W
 PLW12 0.20863999 W
 PLW13 0.10495000 W

F2 - Processing parameters
 SI 32768
 SF 75.4803210 MHz
 WDW EM
 SSB 0
 LB 1.00 Hz
 GB 0
 PC 1.40

Figure S4. Compound 3c ¹³C-NMR spectrum

DOPNALAB

Item	Value
Acquired Date&Time	11.10.2017 11:20:35
Acquired by	System Administrator
Filename	C:\Users\dopnalab\Desktop\derya\BZ series\BZ-41.ispd
Spectrum name	BZ-41
Sample name	BZ-4
Sample ID	
Option	
Comment	
No. of Scans	10
Resolution	4 [cm-1]
Apodization	Happ-Genzel

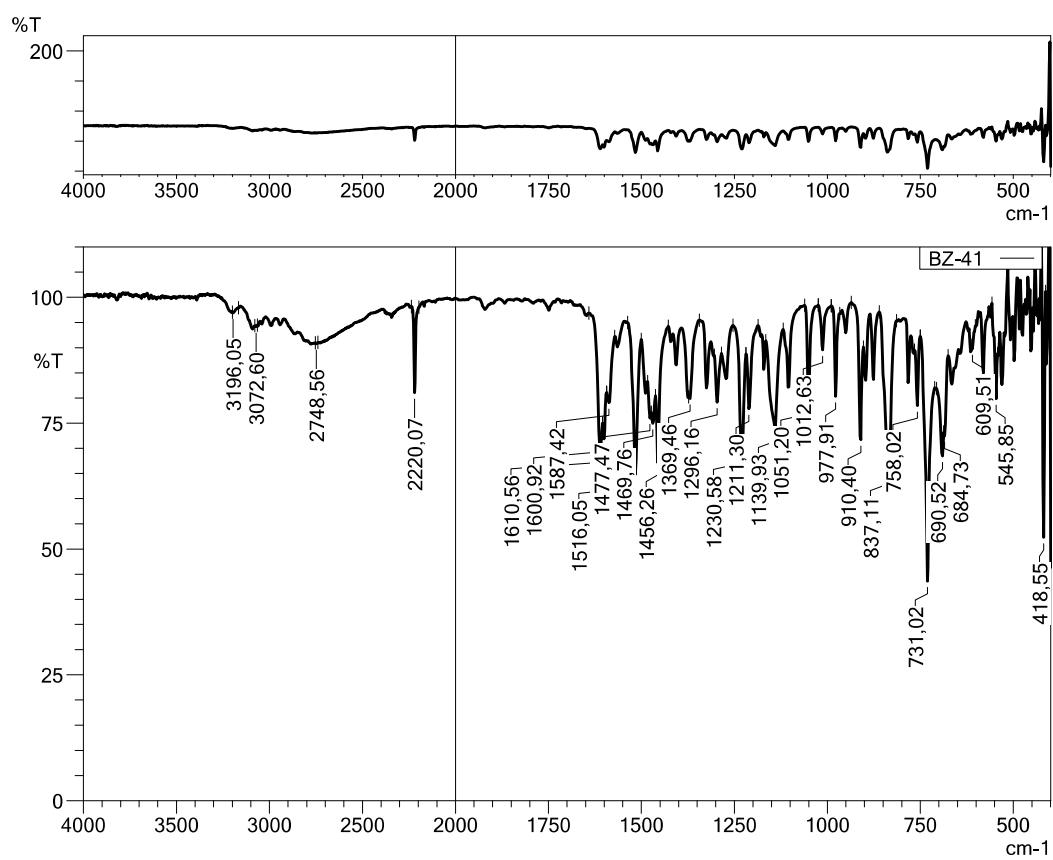
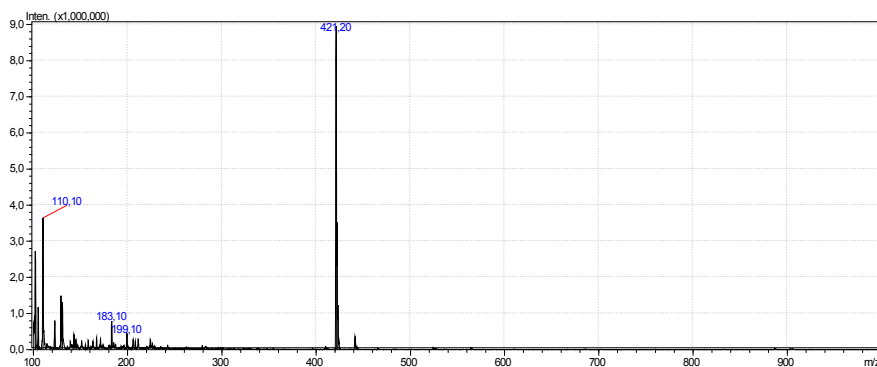


Figure S5. Compound 3d IR spectrum

LCMSMS ANALİZ RAPORU

Sample Name : BZ-4
Sample ID :
Data Filename : BZ-4_014.lcd
Method Filename : Muratsentez.lcm
Batch Filename : sentez1.lcb
Vial # : 1-5
Injection Volume : 1 uL
Date Acquired : 27.10.2017 15:17:13
Date Processed : 27.10.2017 15:19:17
Sample Type : Unknown
Acquired by : System Administrator
Processed by : System Administrator



[MS Spectrum]

of Peaks 12

Raw Spectrum [0,101->0,711],[scan:[7->43]]

Background No Background Spectrum

Base Peak m/z 421,20 (Inten : 8.962.321)

m/z Absolute Intensity Relative Intensity

122,65 795496 8,88

129,20 1489047 16,61

130,60 1316282 14,69

183,10 794270 8,86

199,10 448404 5,00

421,20 8962321 100,00

422,20 3519323 39,27

423,20 1225991 13,68

Figure S6. Compound 3d mass spectrum

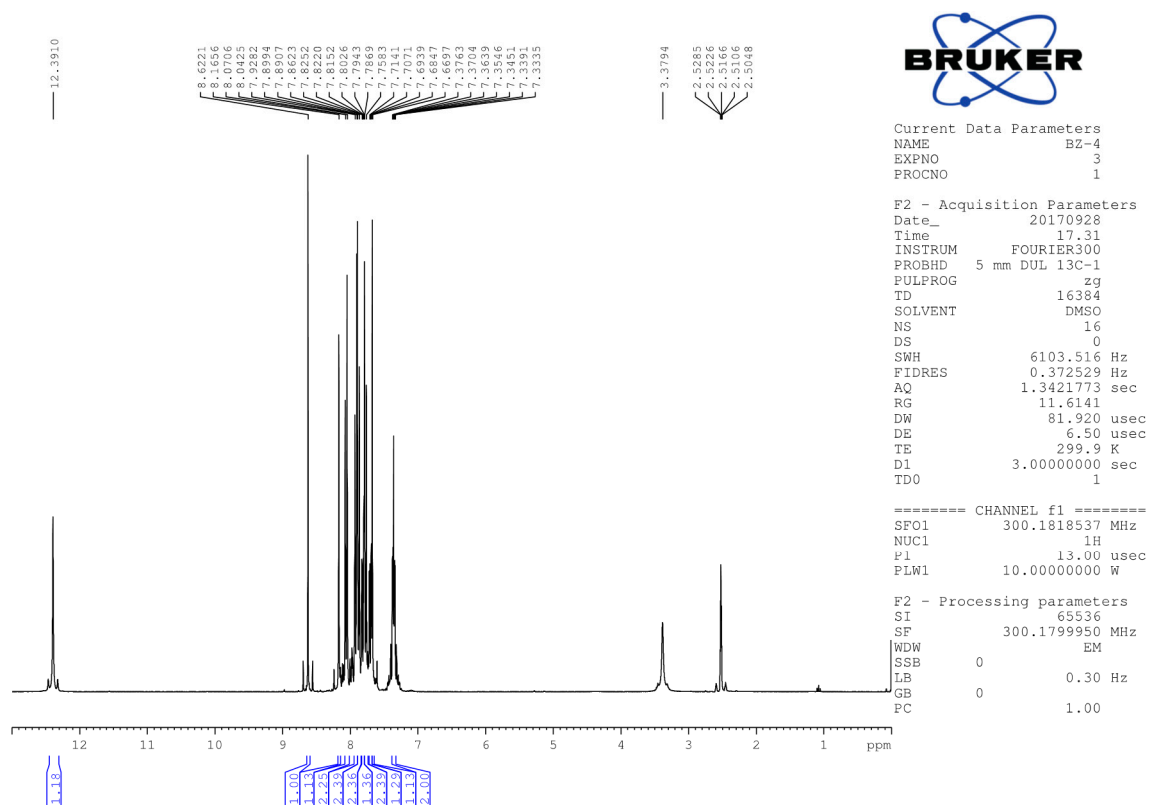


Figure S7. Compound 3d ¹H-NMR spectrum

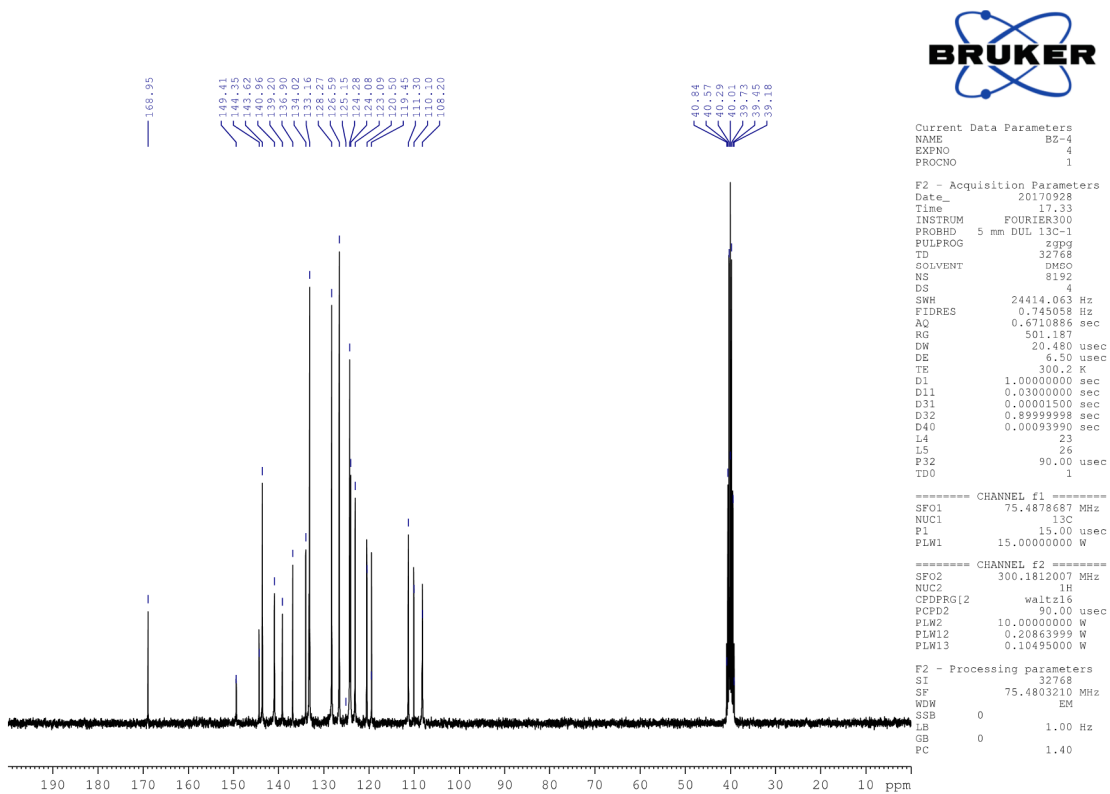


Figure S8. Compound 3d ¹³C-NMR spectrum