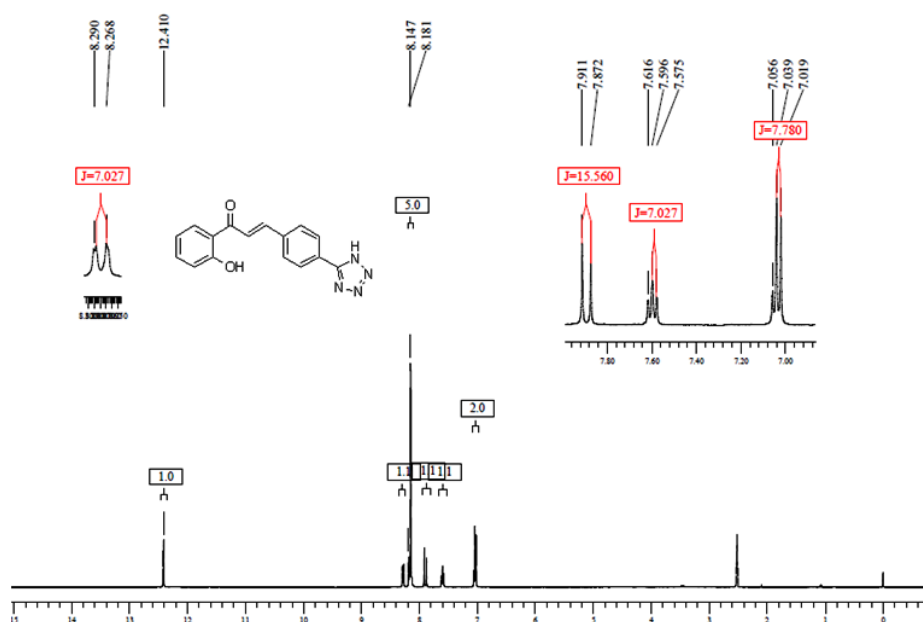


1 SUPPLEMENTARY MATERIAL TO
2 **Microwave assisted synthesis of 1H-tetrazole based flavonoid derivatives and their**
3 **antimicrobial activity**

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5 B.VIJAYA LAKSHMI¹.

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7 Hyderabad, 500007, Telangana, India; ²Department of Chemistry, Satavahana
8 University, Karimnagar, Telangana 505001.

9
10 ¹H NMR, ¹³C NMR, MASS AND IR OF COMPOUNDS



11
12 **Figure S1: ¹H-NMR (400 MHz, DMSO-d₆) of Compound 4a**

* Corresponding author. E-mail: ashokdou@gmail.com

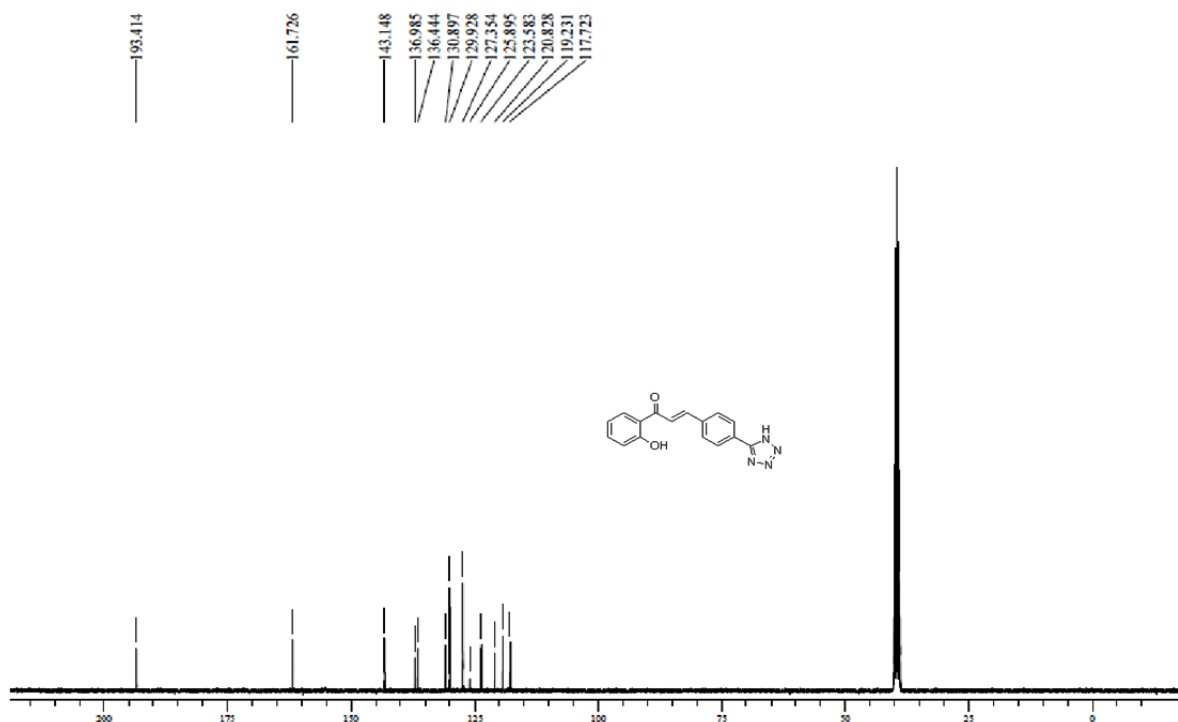


Figure S2: ^{13}C -NMR (100 MHz, DMSO-d_6) of Compound 4a

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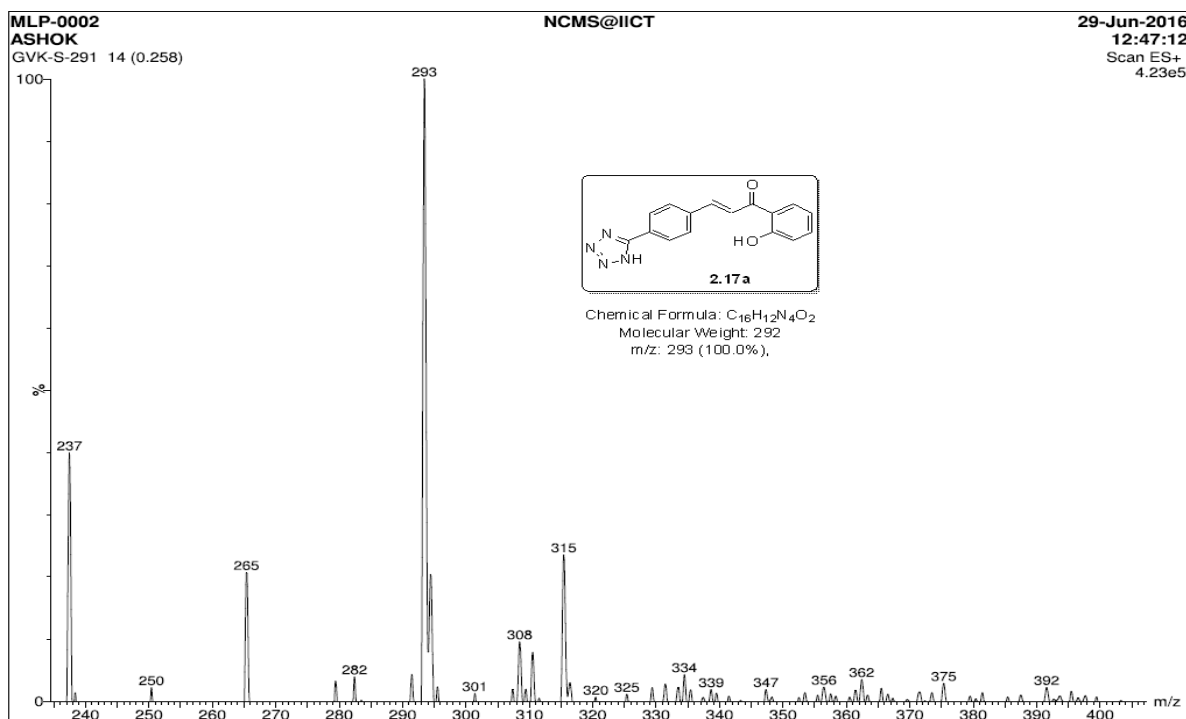
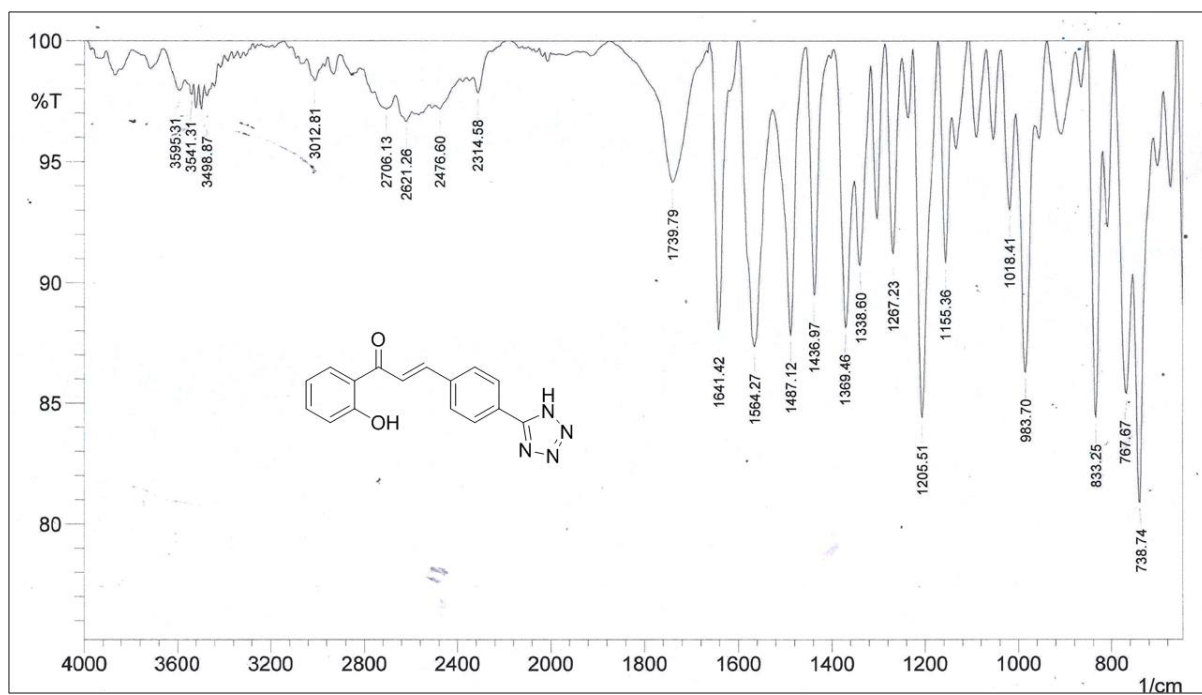


Figure S3: Mass spectrum of Compound 4a

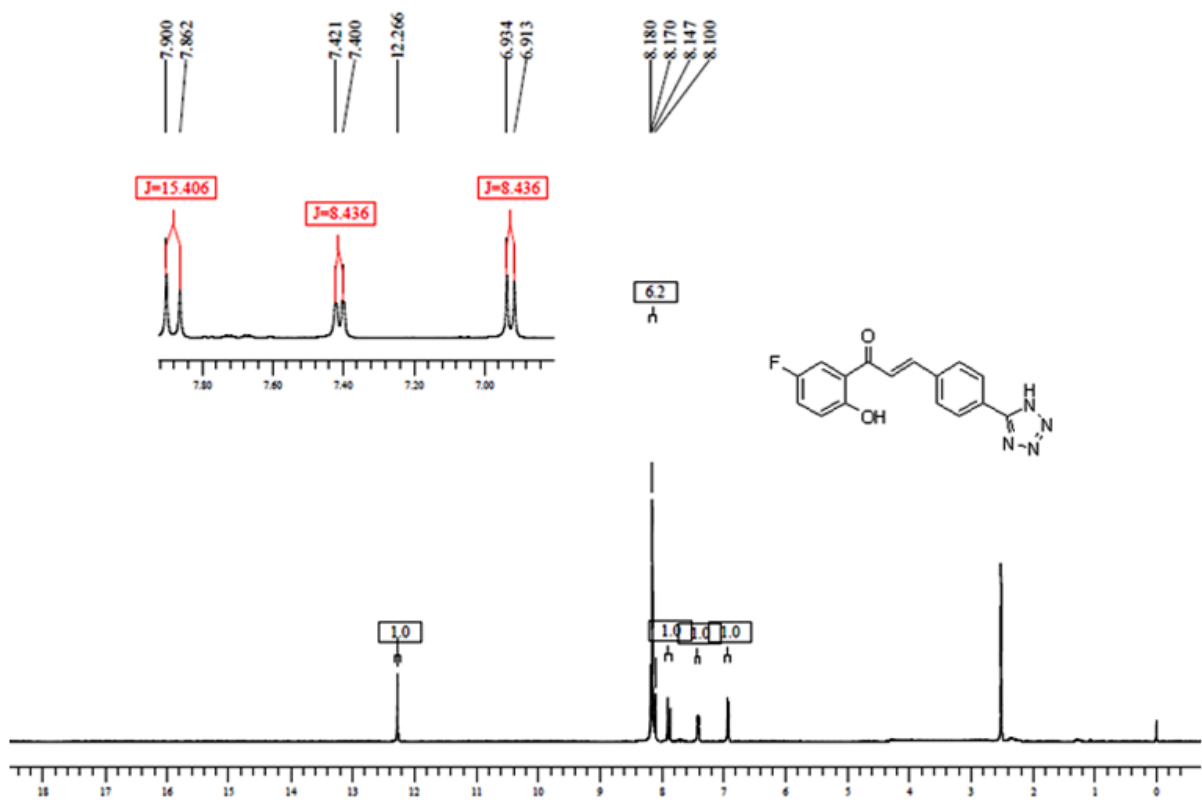
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Figure S4: IR spectrum of Compound 4a

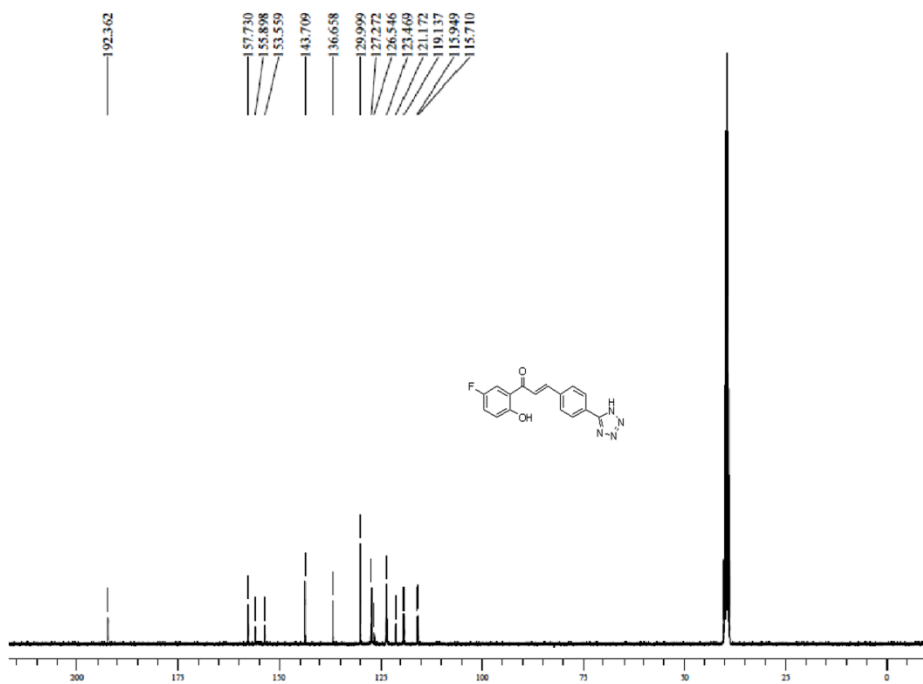
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Figure S5: $^1\text{H-NMR}$ of Compound 4b

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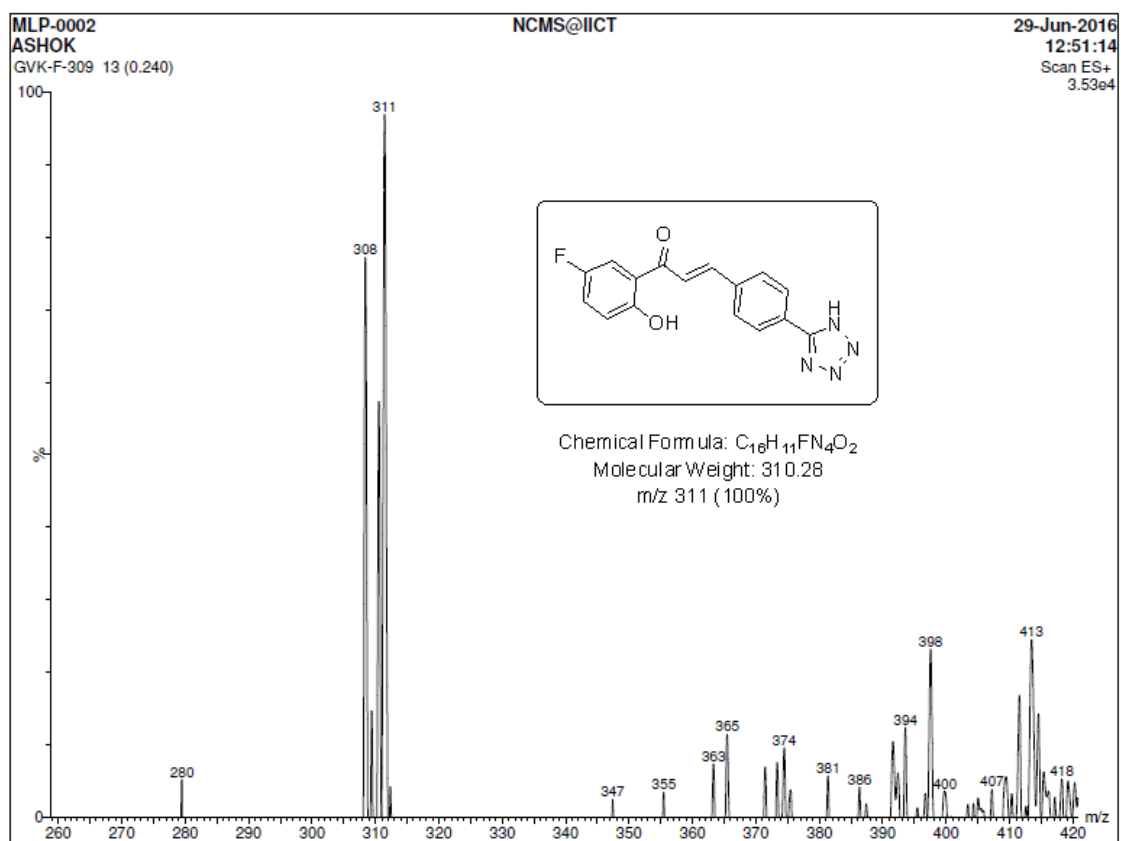
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Figure S6: ¹³C-NMR of Compound 4b

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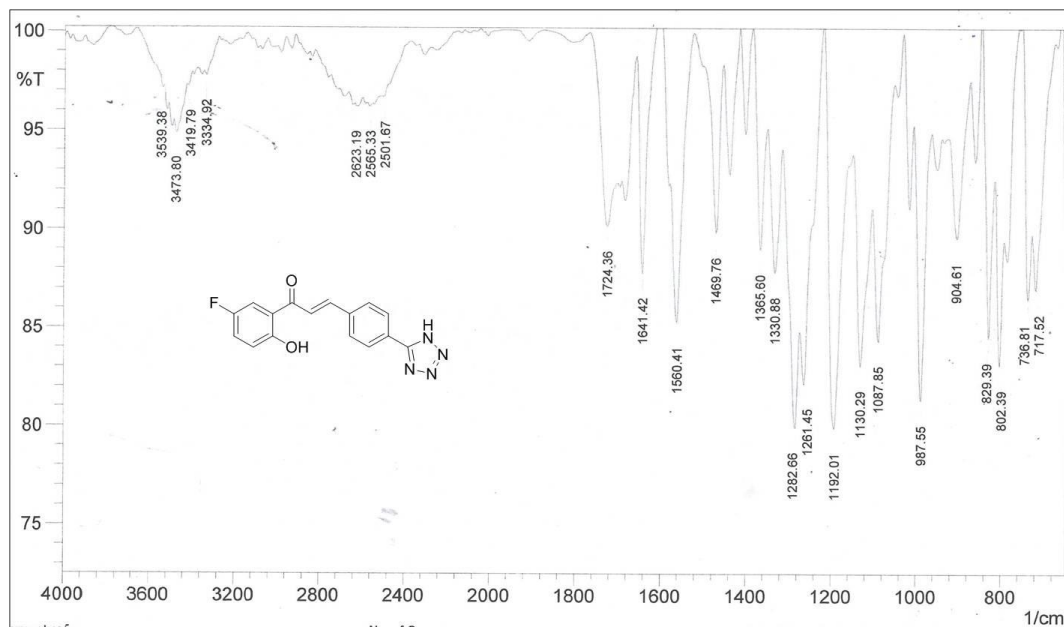
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Figure S7: Mass spectrum of Compound 4b

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Figure S8: IR spectrum of Compound 4b

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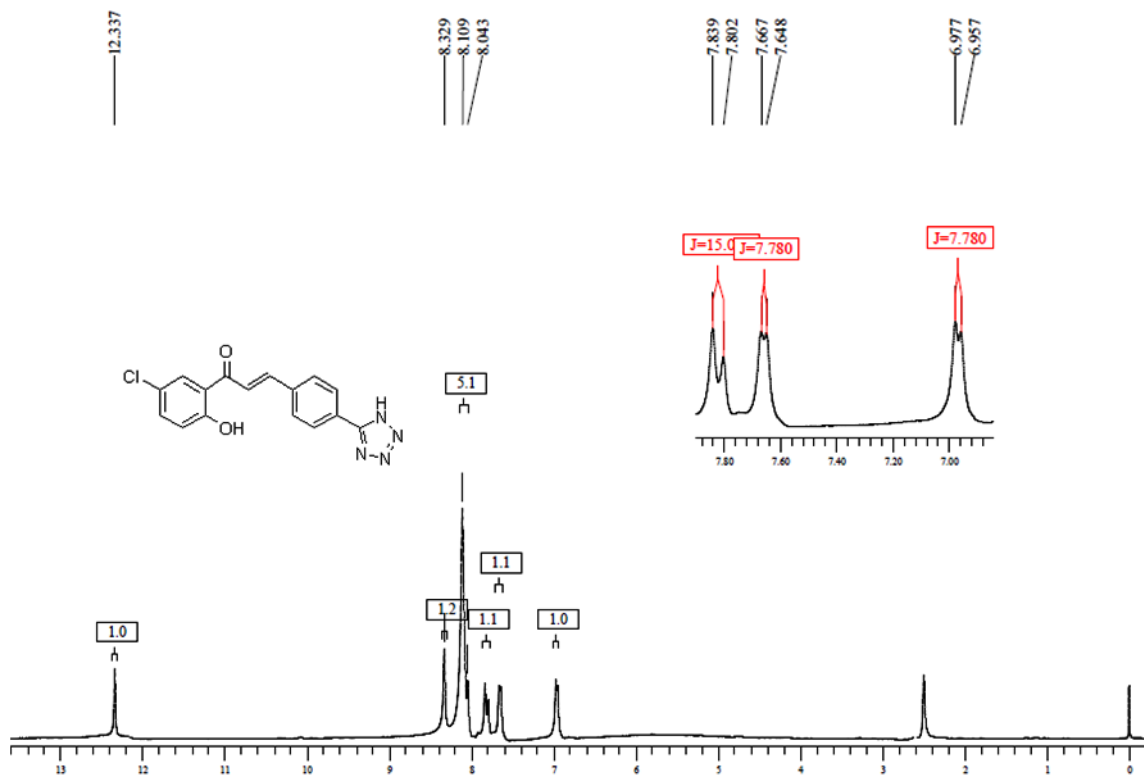


Figure S9: ¹H-NMR of Compound 4c

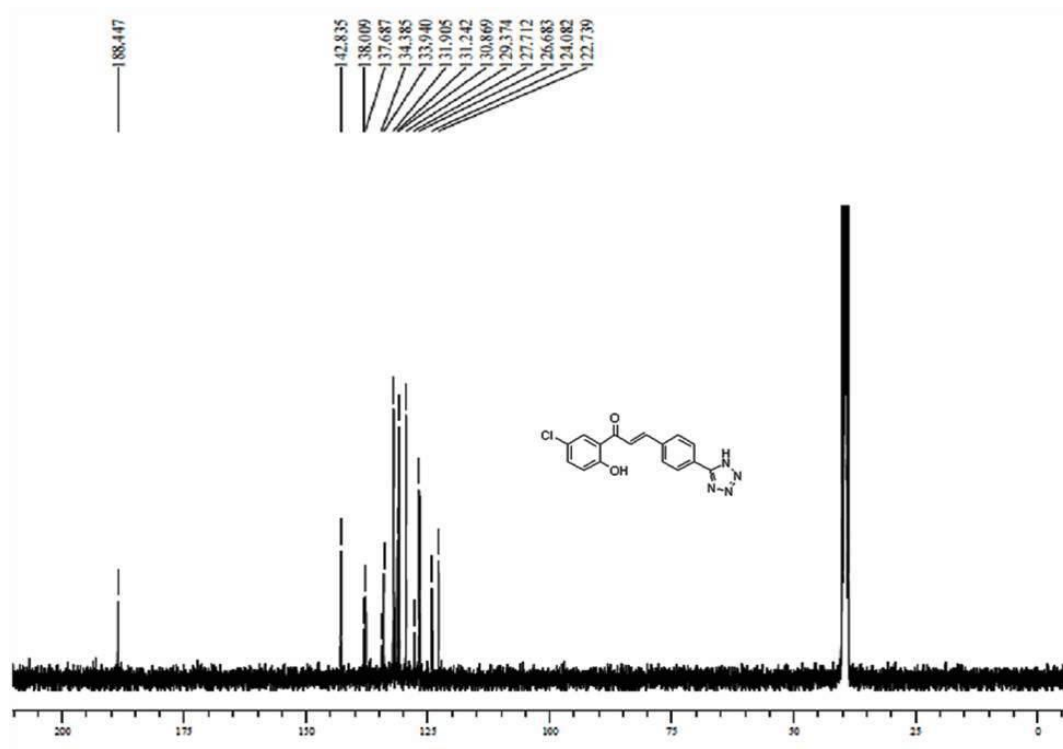
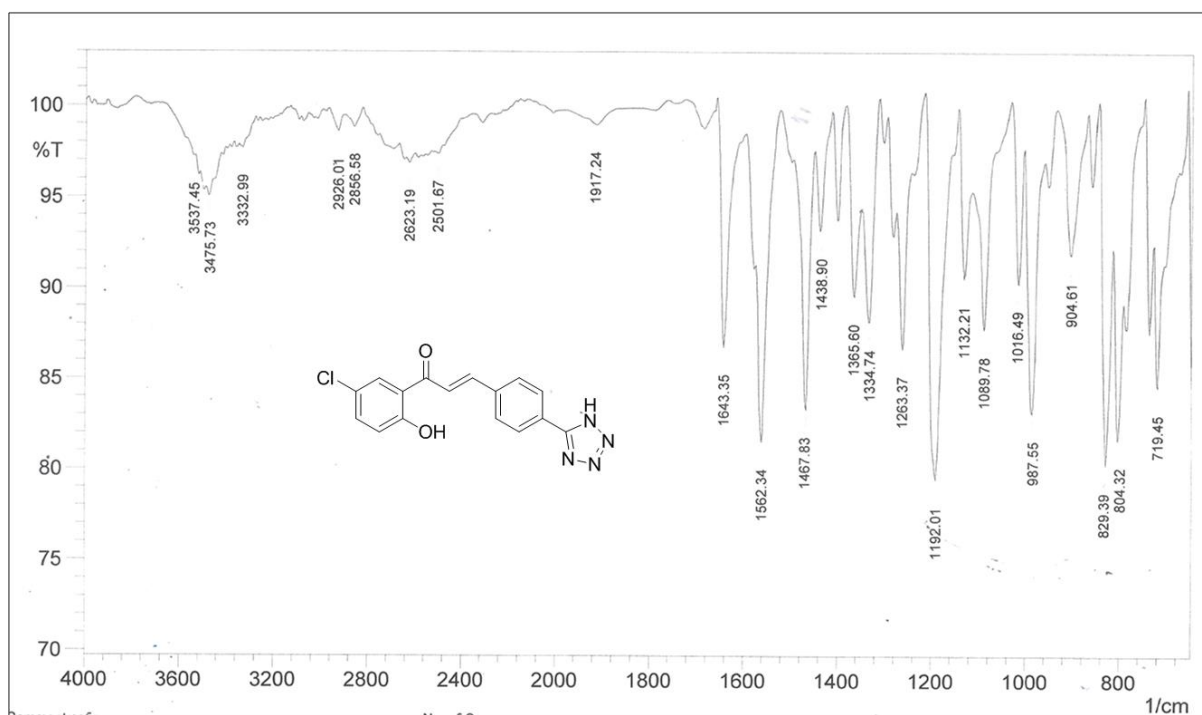


Figure S10: ¹³C-NMR of Compound 4c

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Figure S11: IR spectrum of Compound 4c

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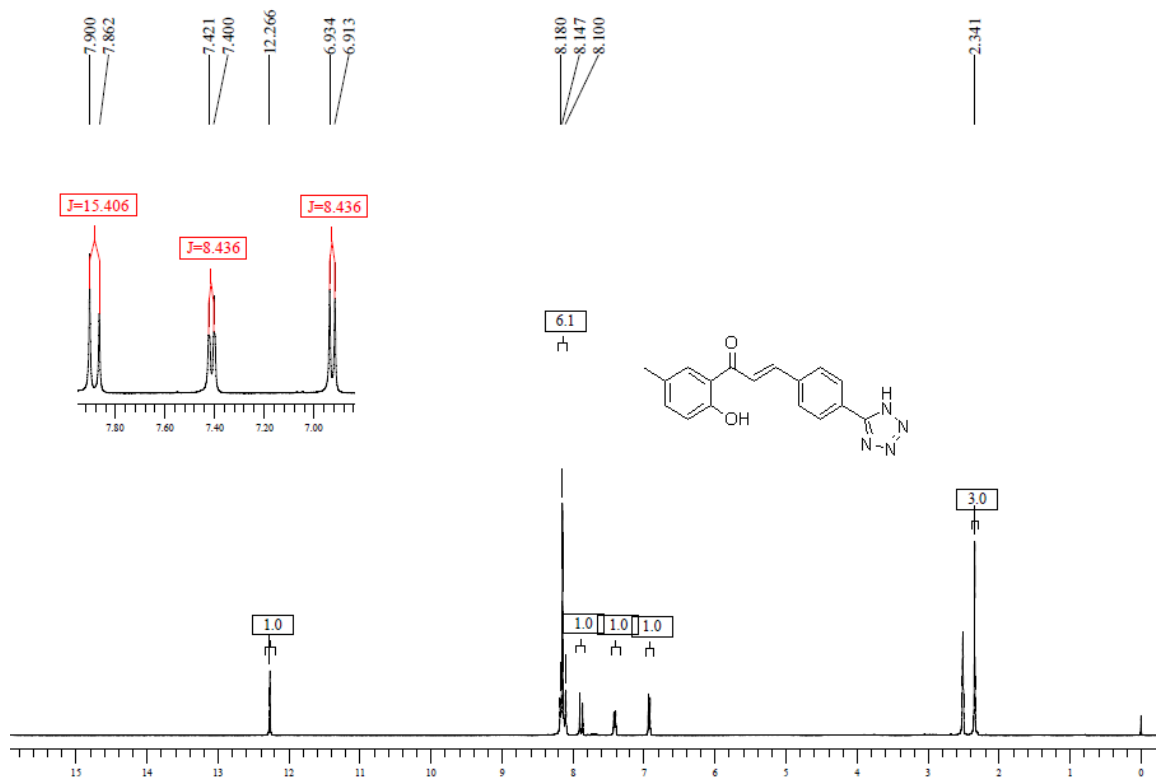


Figure S12: ¹H-NMR spectrum of Compound 4d

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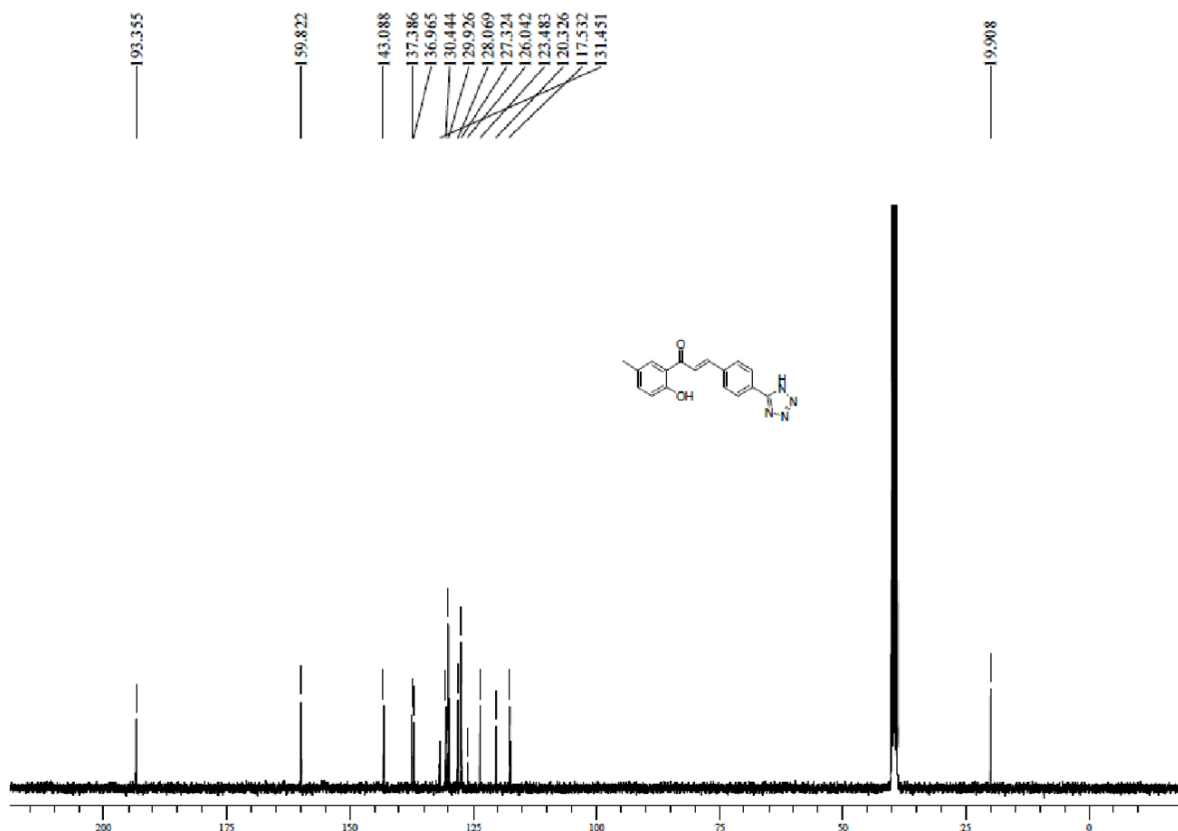


Figure S13: ¹³C-NMR spectrum of Compound 4d

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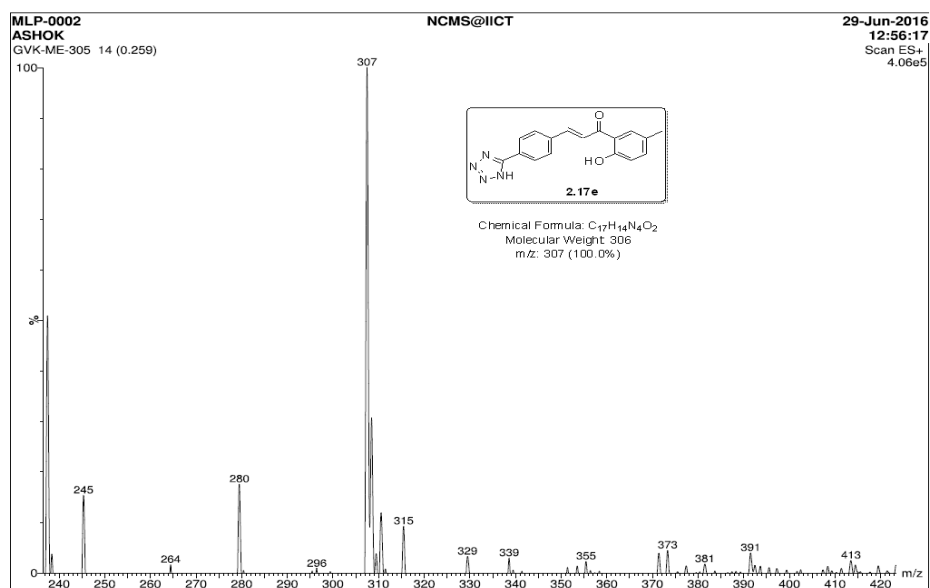
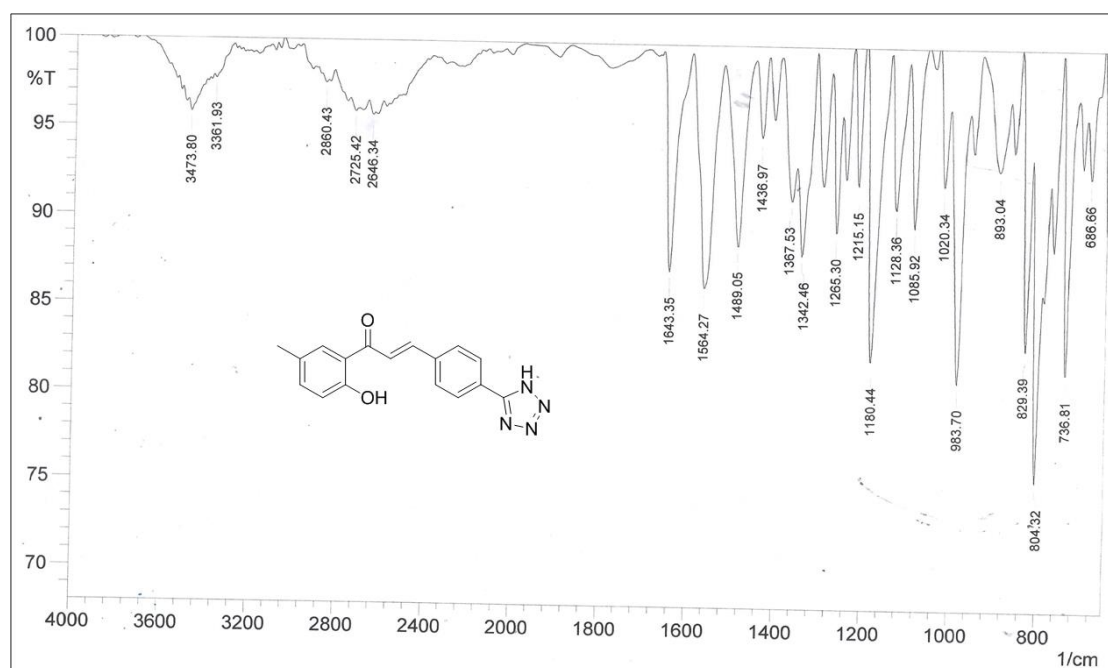


Figure S14: Mass spectrum of Compound 4d

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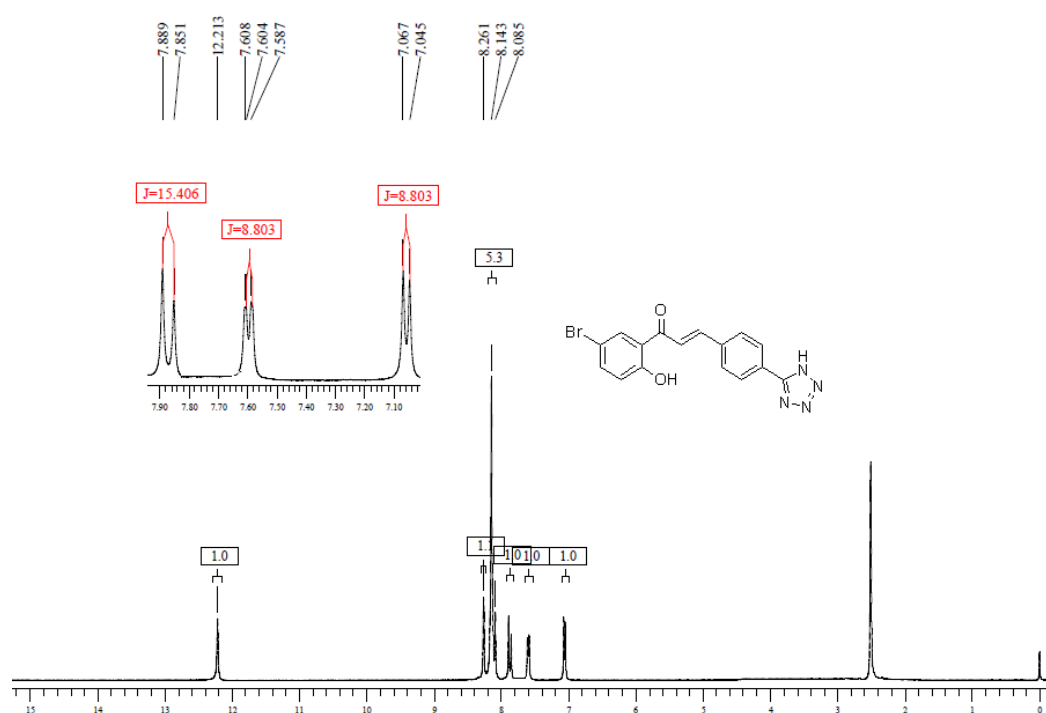
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Figure S15: IR spectrum of Compound 4d

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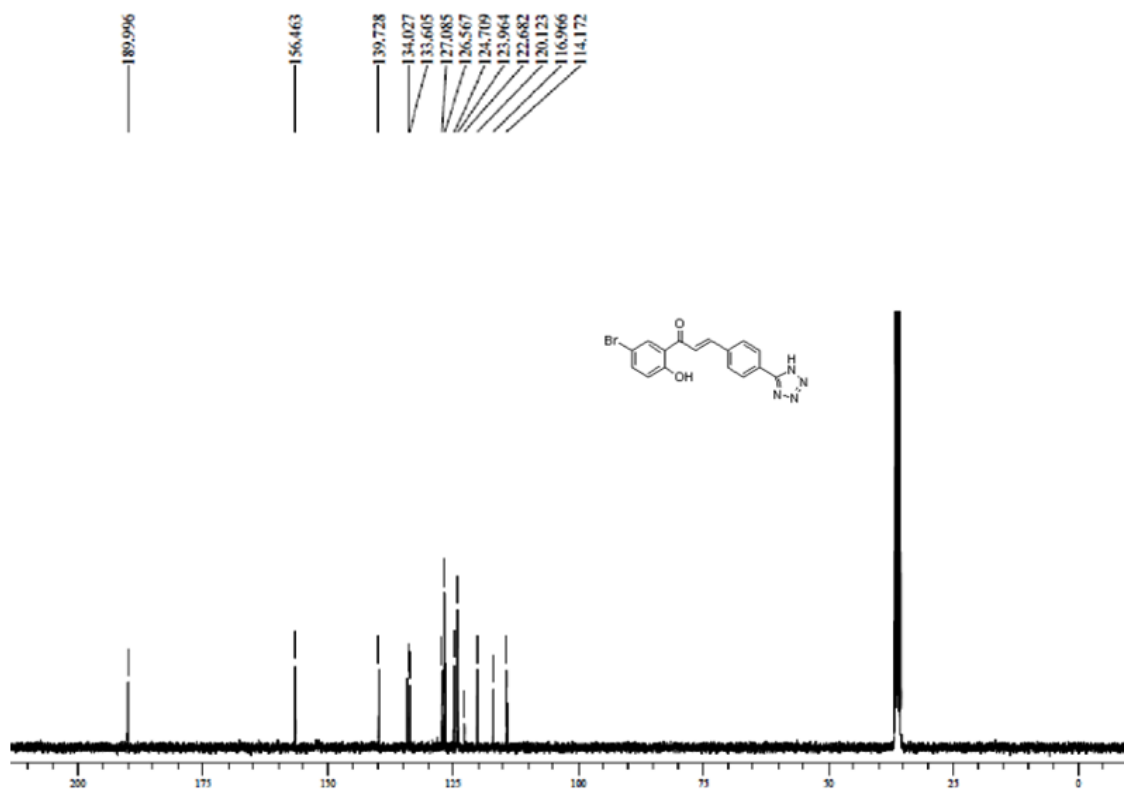


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Figure S16: ¹H-NMR spectrum of Compound 4e

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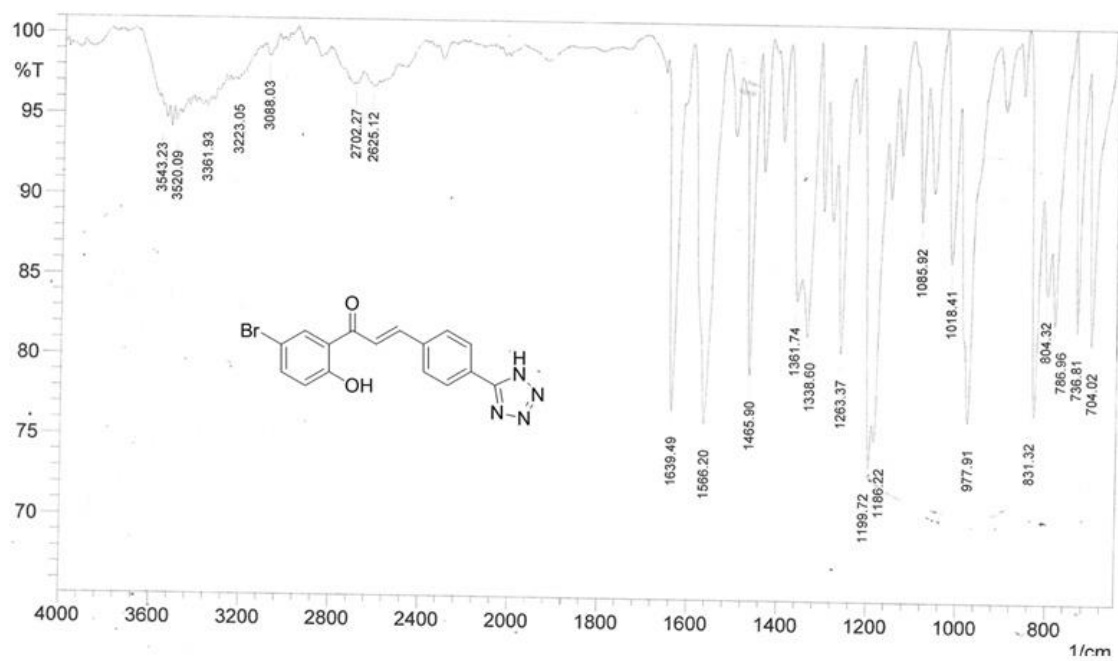
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Figure S17: ¹³C-NMR spectrum of Compound 4e

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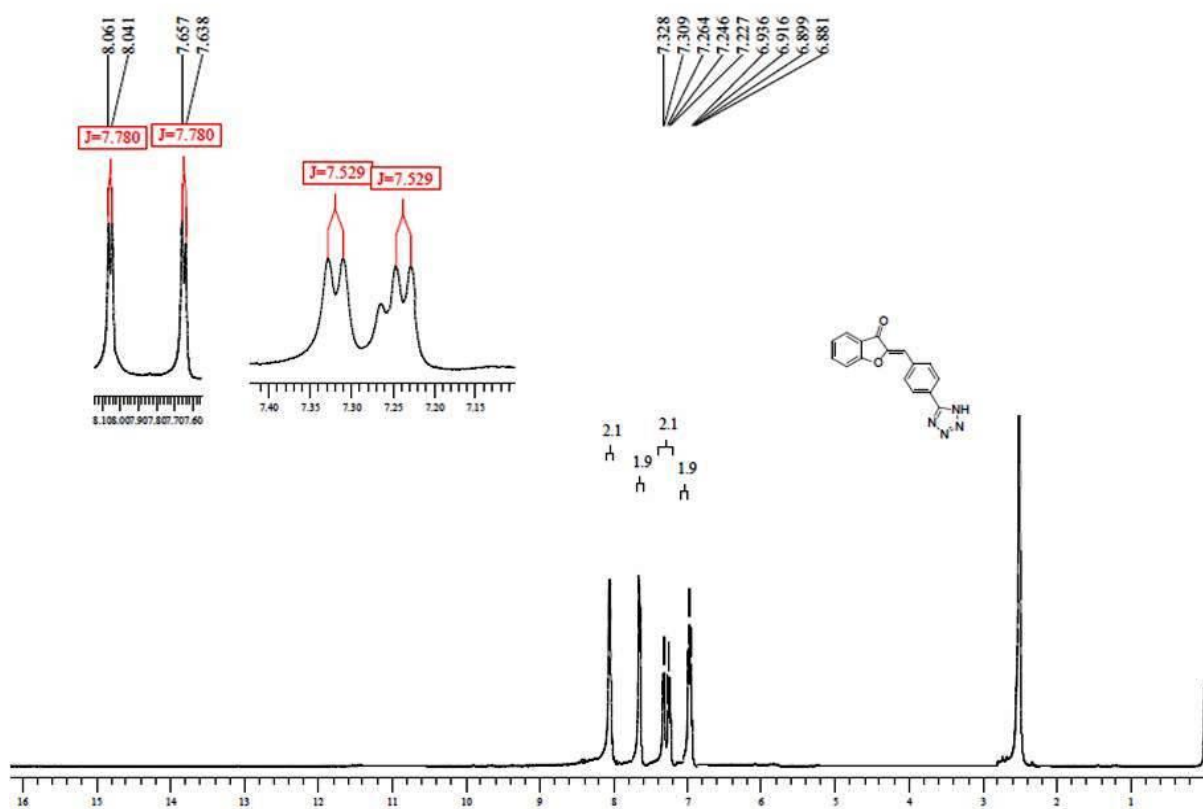


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Figure S18: IR spectrum of Compound 4e

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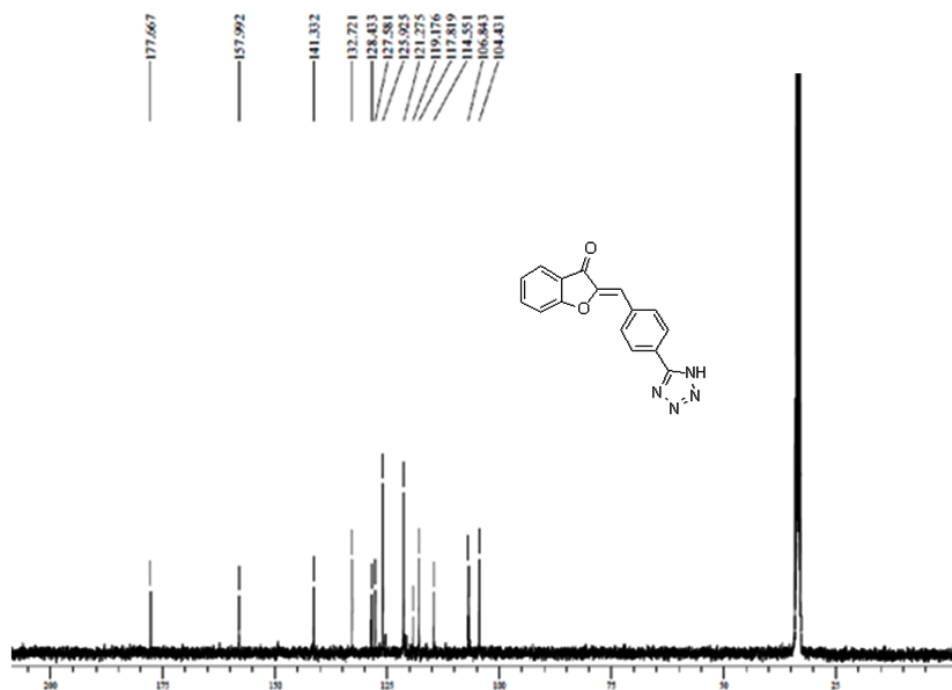
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Figure S19: $^1\text{H-NMR}$ spectrum of Compound 5a

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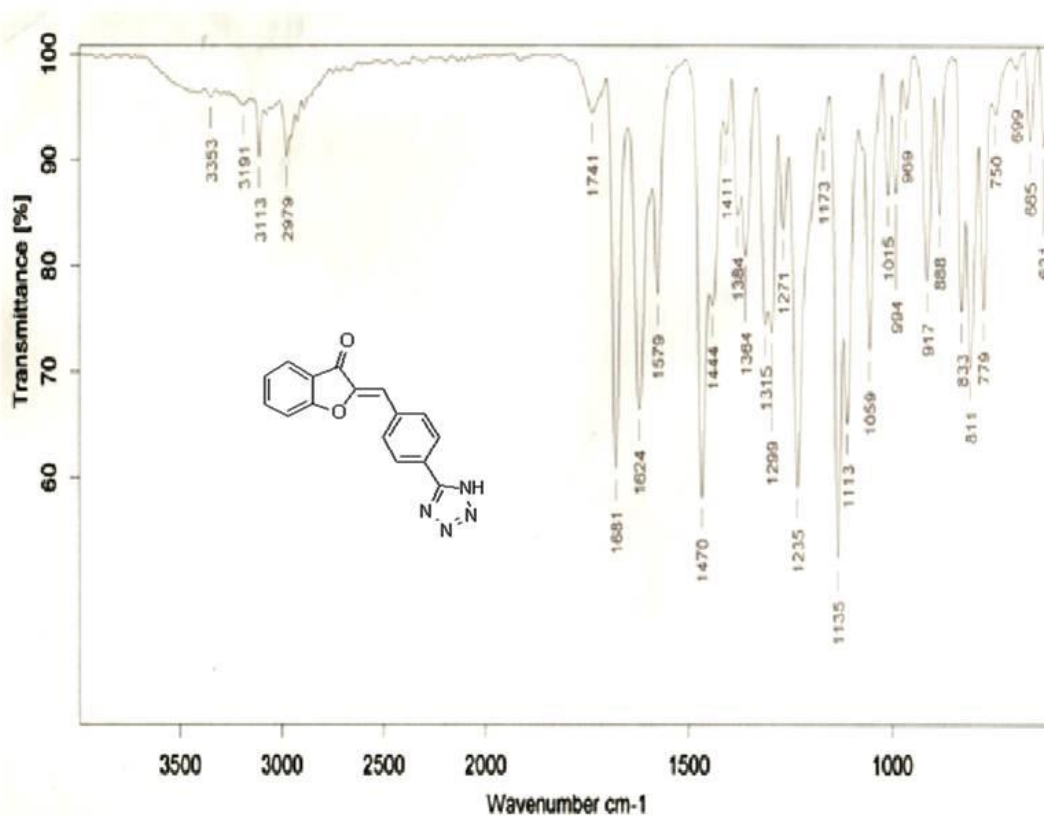


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Figure S20: $^{13}\text{C-NMR}$ spectrum of Compound 5a

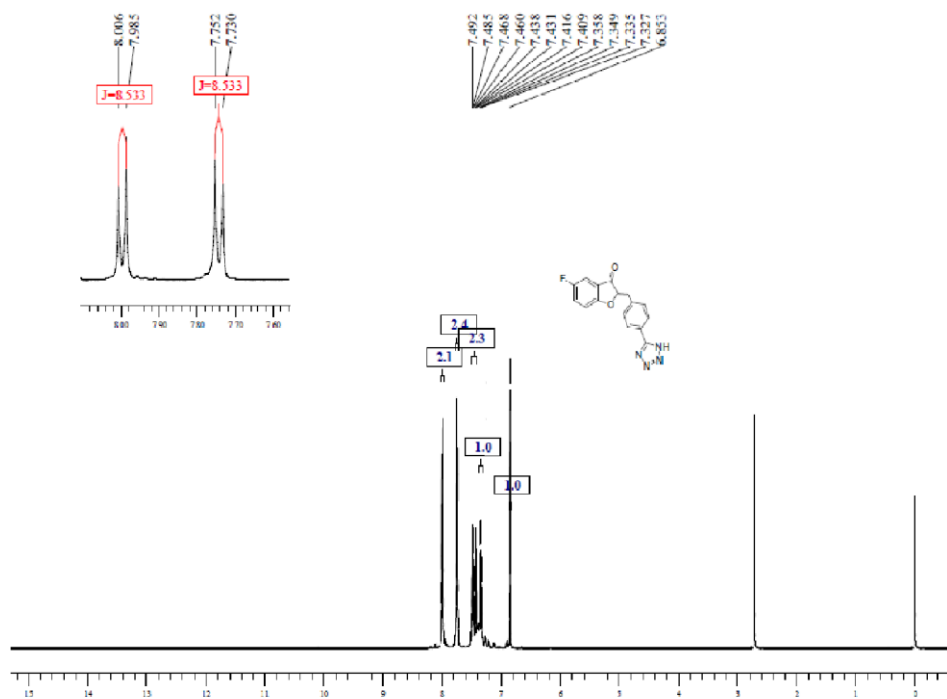
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Figure S21: IR spectrum of Compound 5a



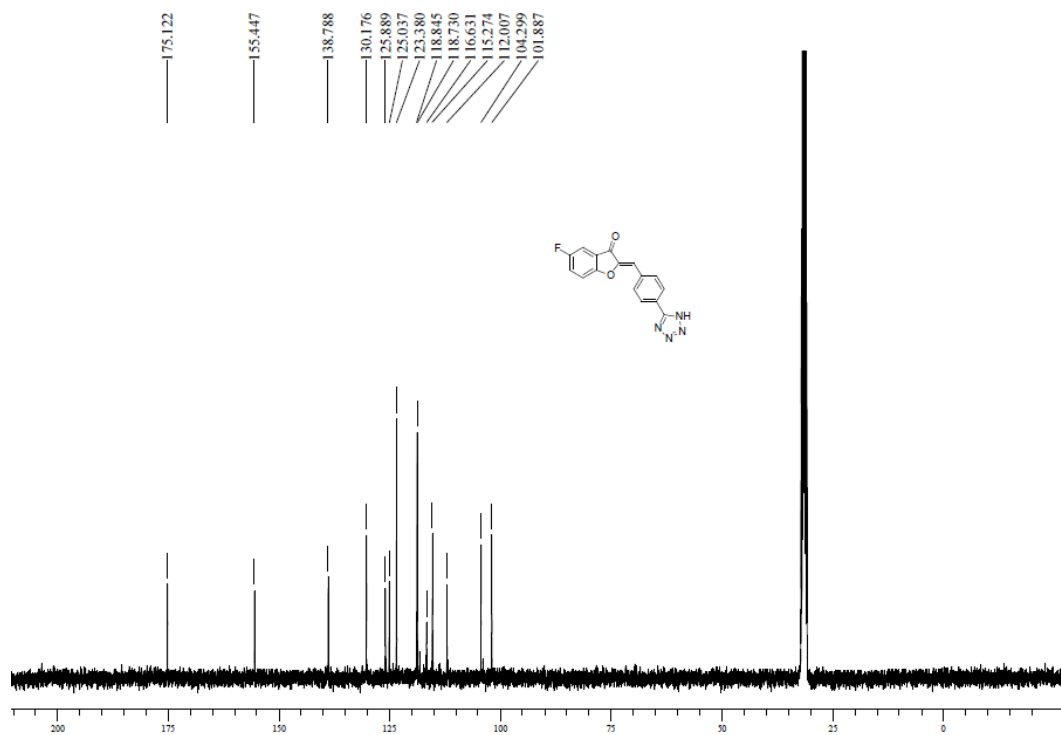
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Figure S22: ¹H-NMR spectrum of Compound 5b

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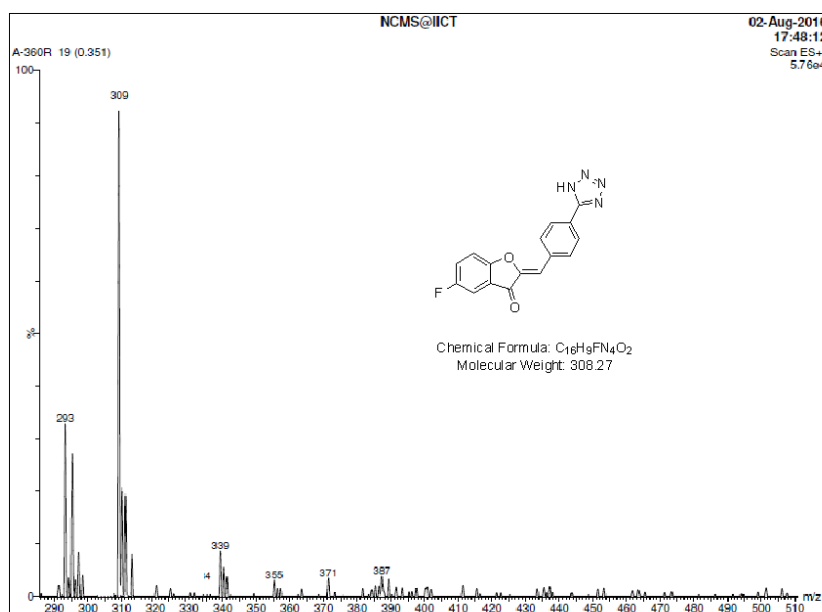
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Figure S23: ¹³C-NMR spectrum of Compound 5b

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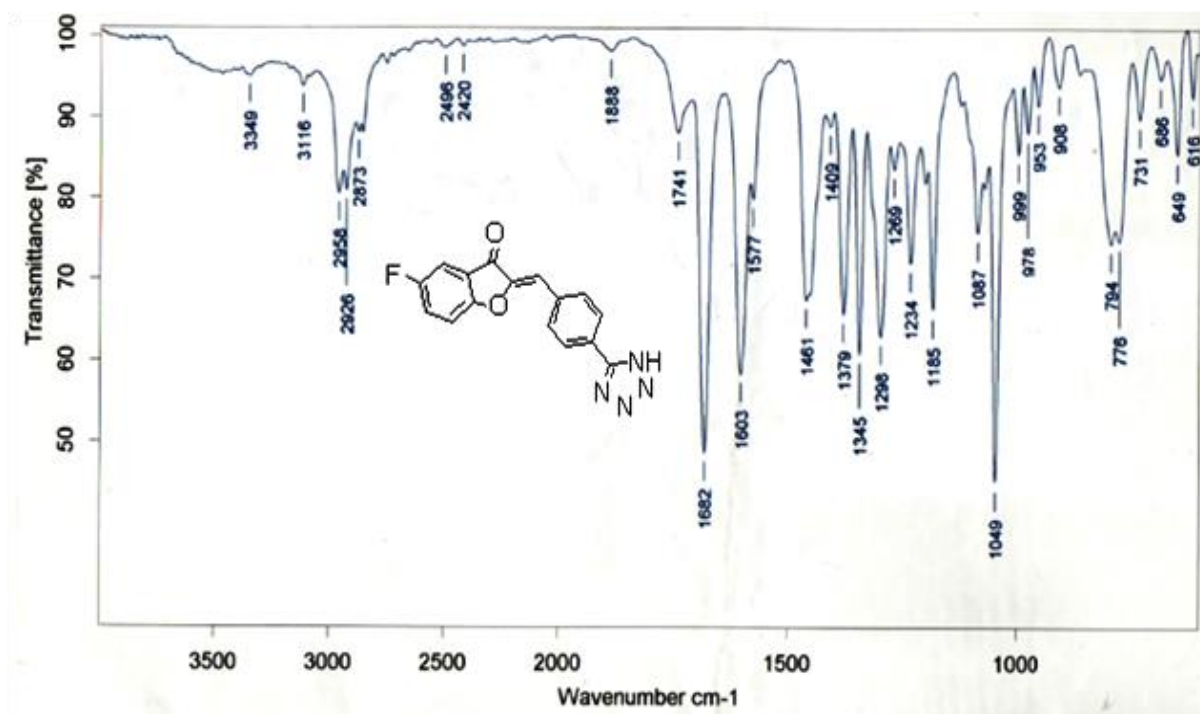
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Figure S24: Mass spectrum of Compound 5b

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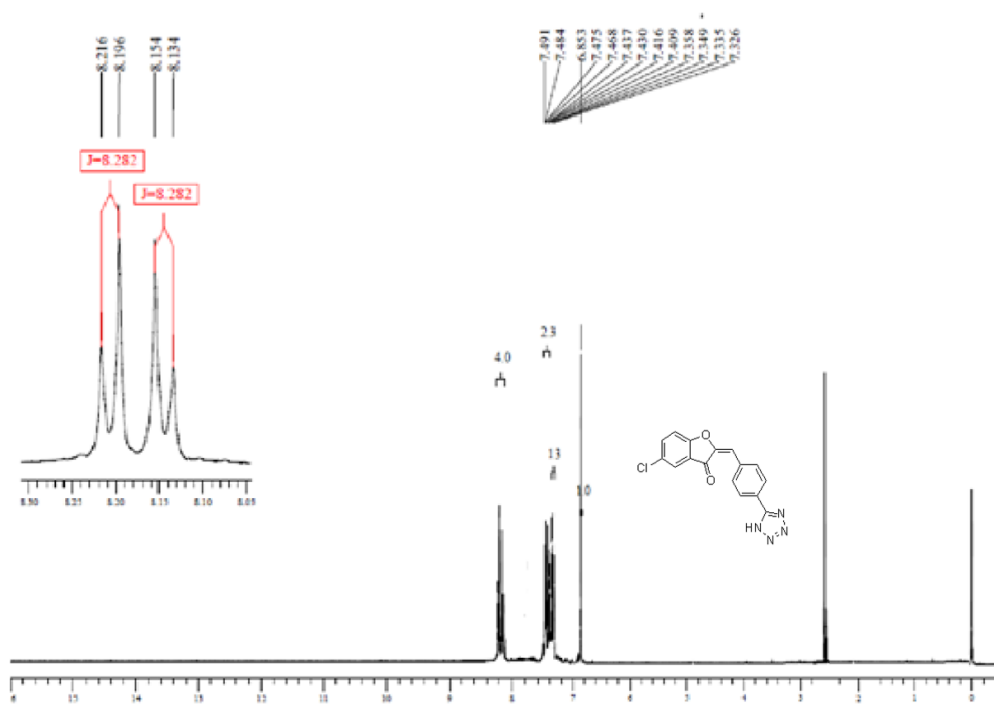
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Figure S25: IR spectrum of Compound 5b

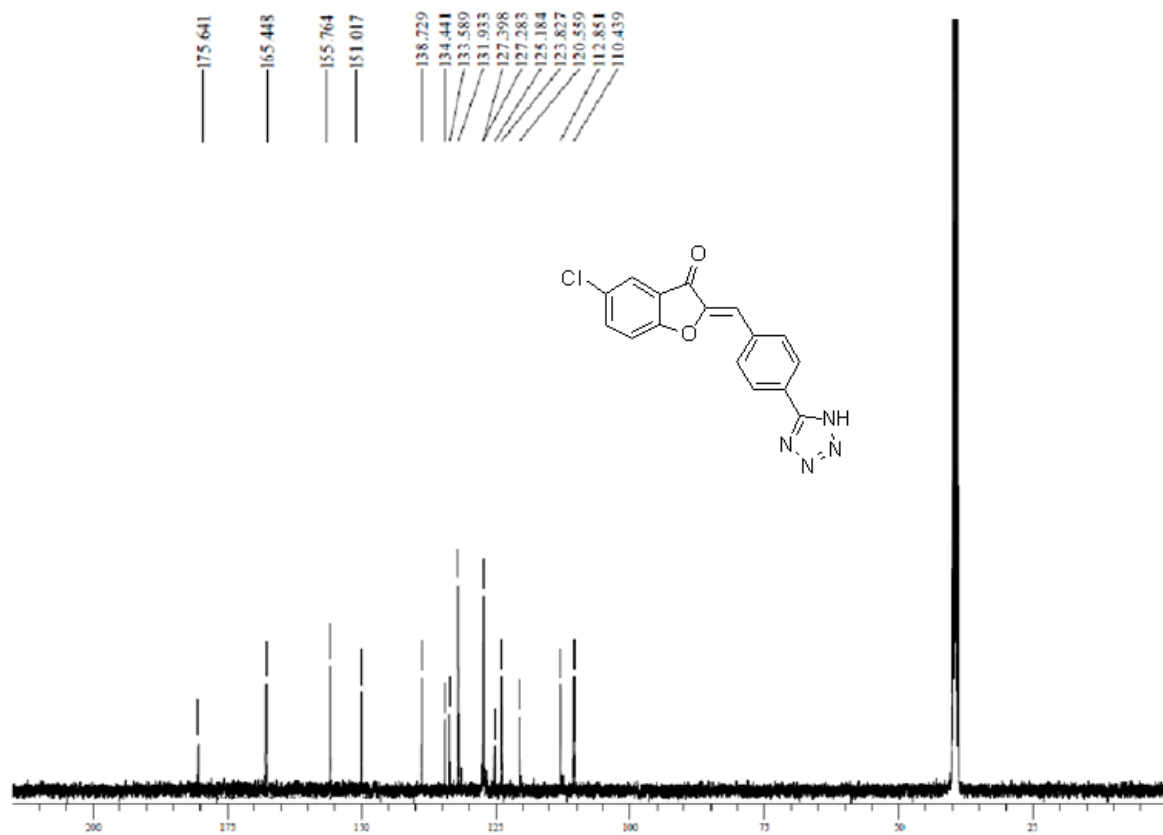


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Figure S26: ¹H-NMR spectrum of Compound 5c

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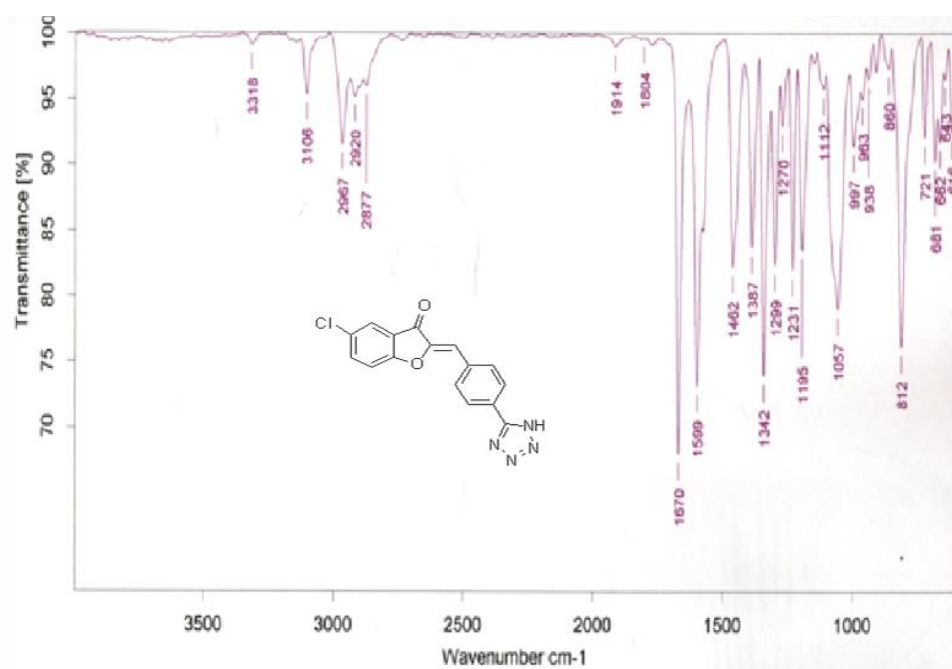
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Figure S27: ¹³C-NMR spectrum of Compound 5c

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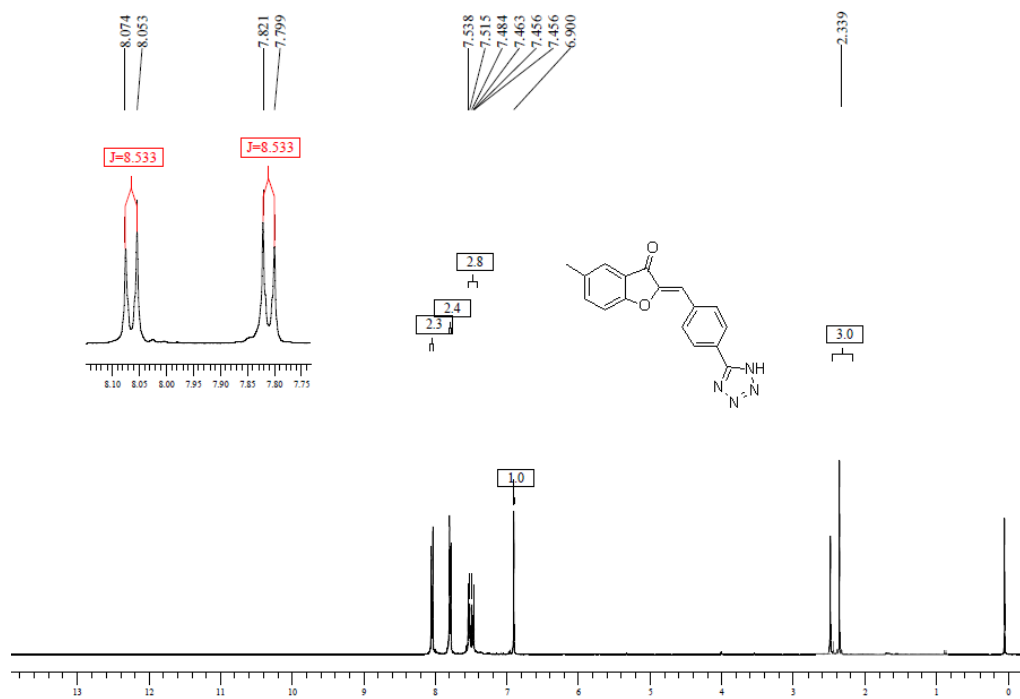
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Figure S28: IR spectrum of Compound 5c

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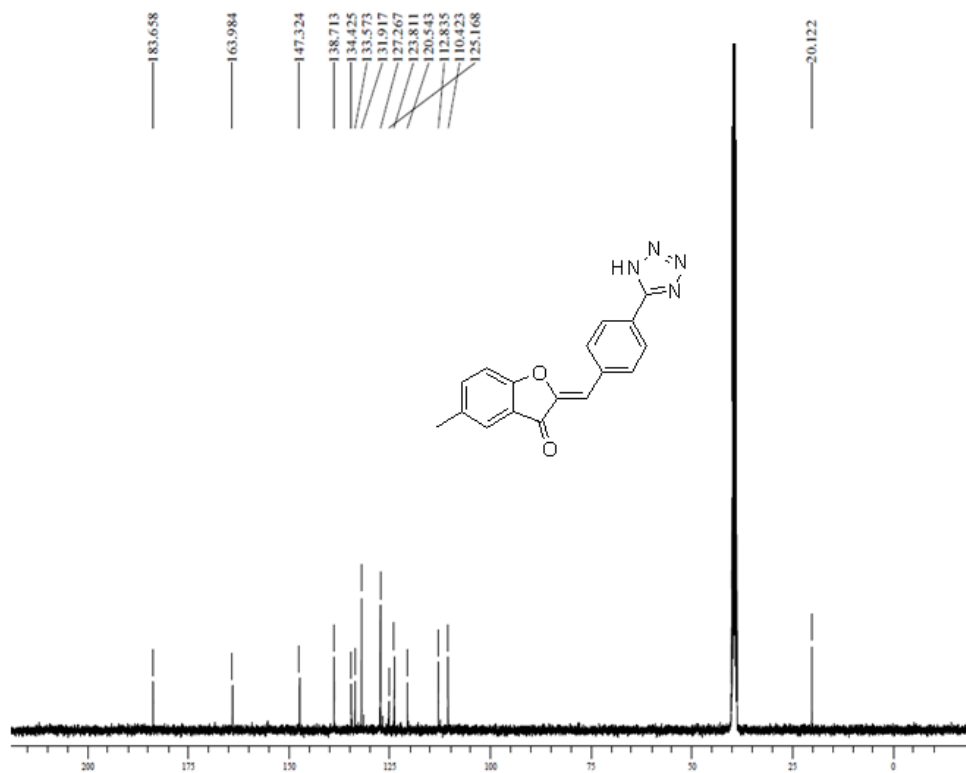


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Figure S29: ¹H-NMR spectrum of Compound 5d

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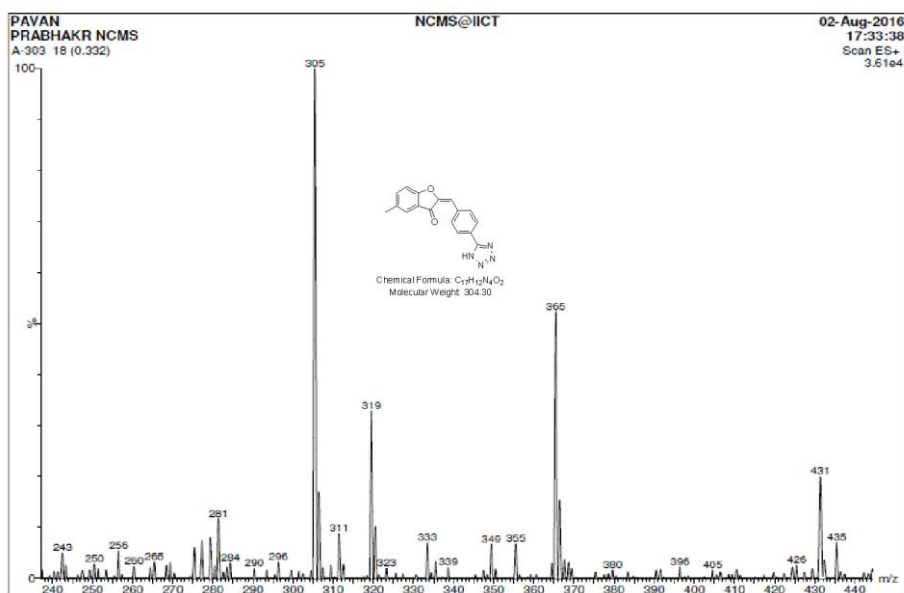
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Figure S30: ^{13}C -NMR spectrum of Compound 5d

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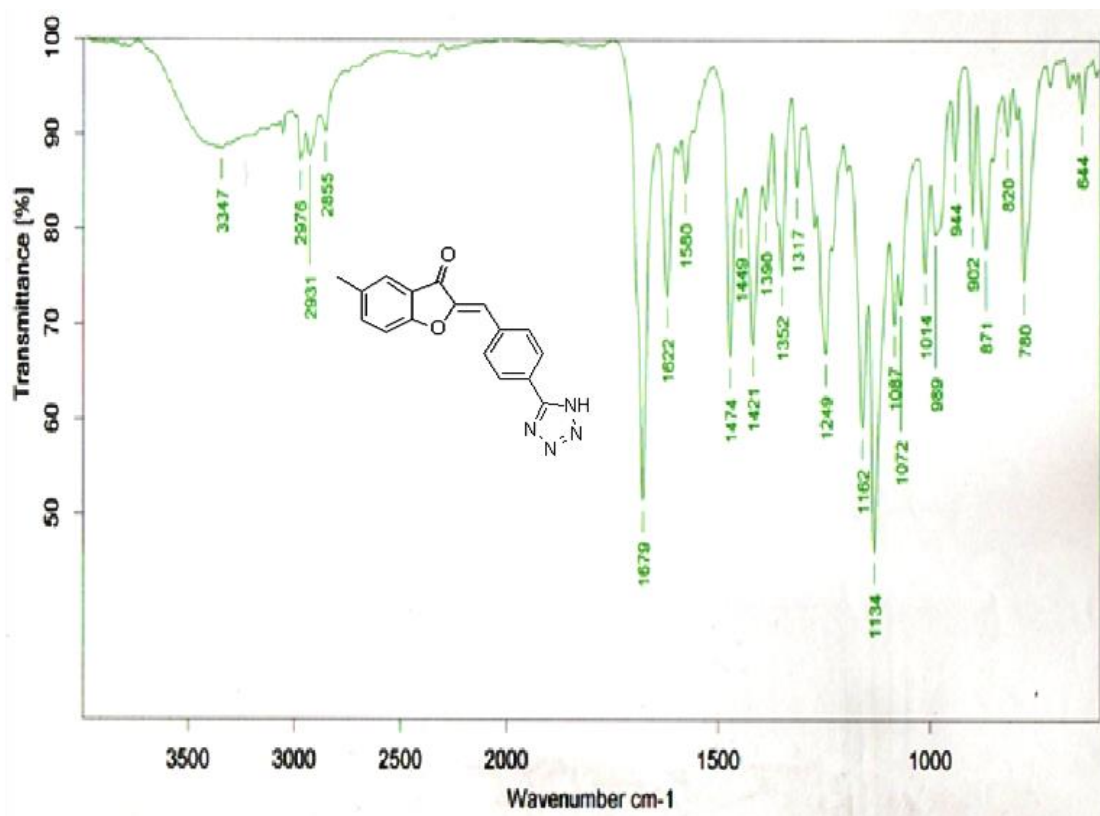
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Figure S31: Mass spectrum of Compound 5d

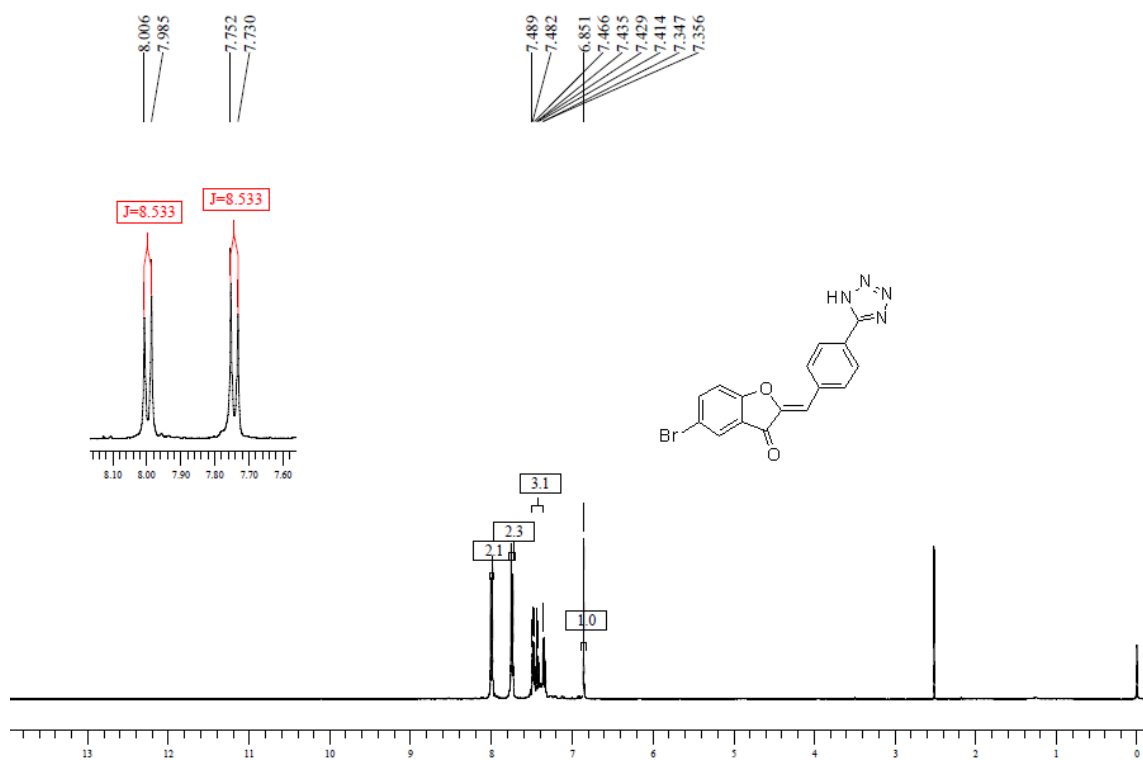


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Figure S32: IR spectrum of of Compound 5d

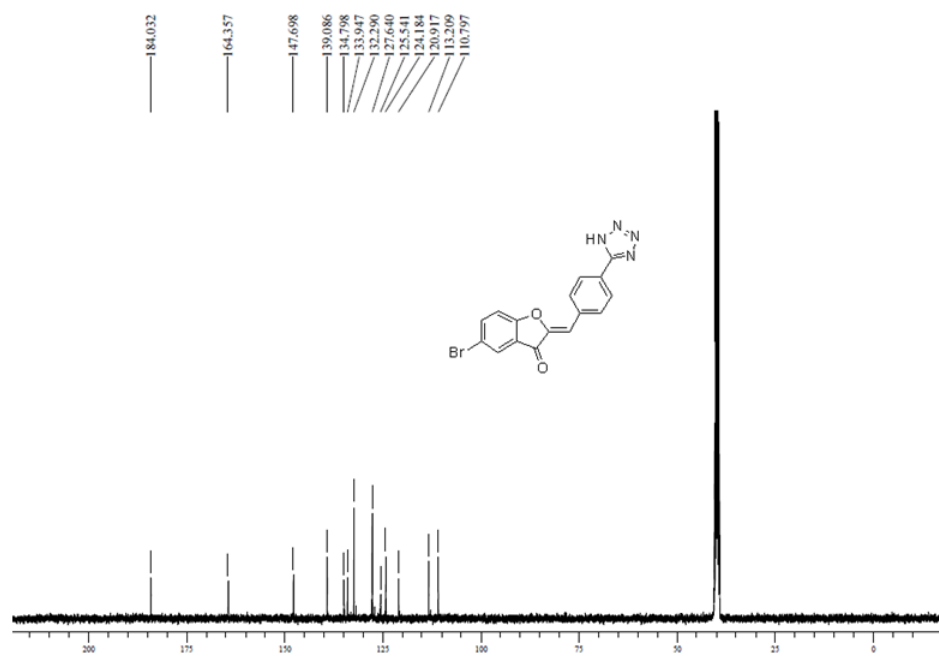
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Figure S33: $^1\text{H-NMR}$ spectrum of Compound 5e



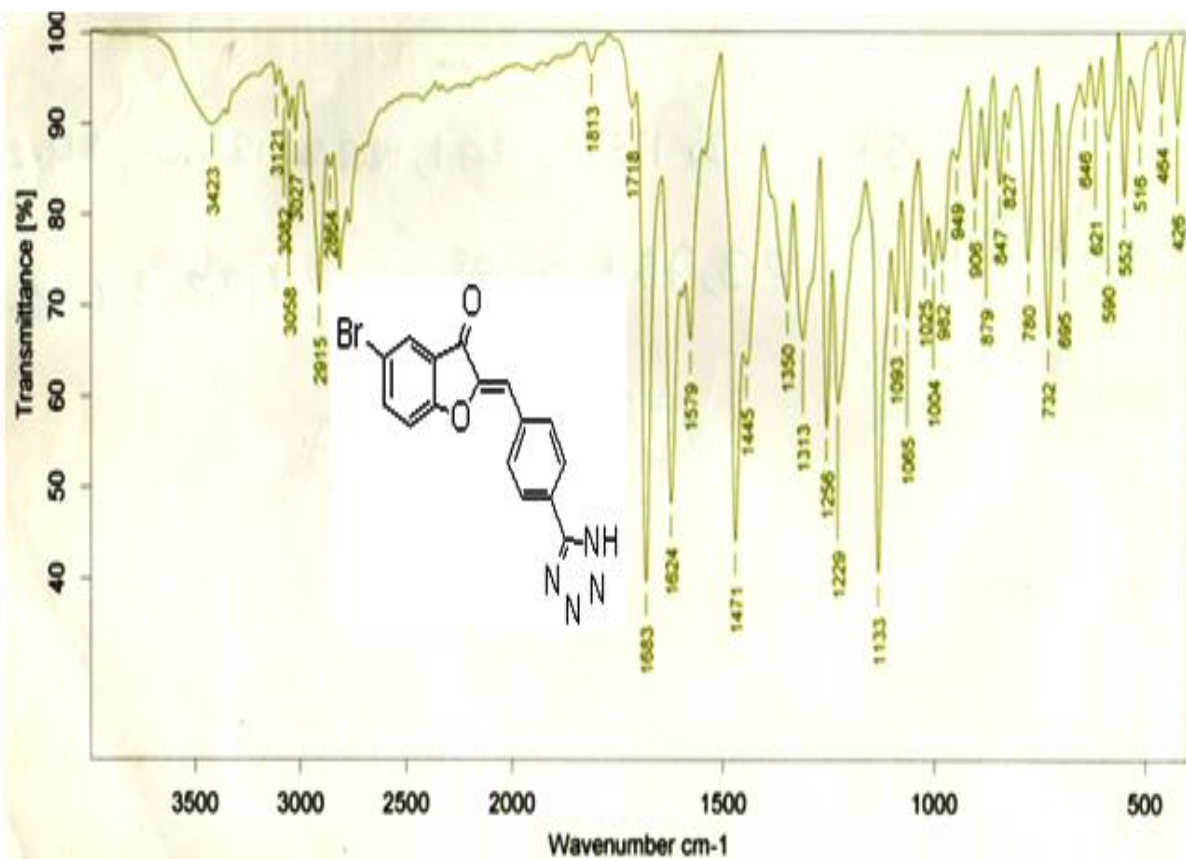
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Figure S34: $^{13}\text{C-NMR}$ spectrum of Compound 5e

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Figure S35: IR spectrum of Compound 5e