SUPPLEMENTARY MATERIAL TO

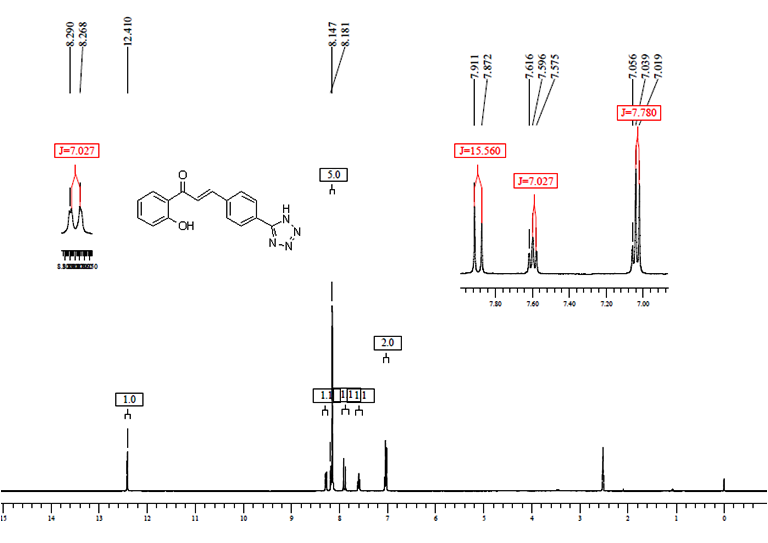
**Microwave assisted synthesis of 1*H*-tetrazole based flavonoid derivatives and their antimicrobial activity**

DONGAMANTI ASHOK *\*[[1]](#footnote-2)*, NALAPARAJU NAGARAJU1, MADDERLA SARASIJA2 and

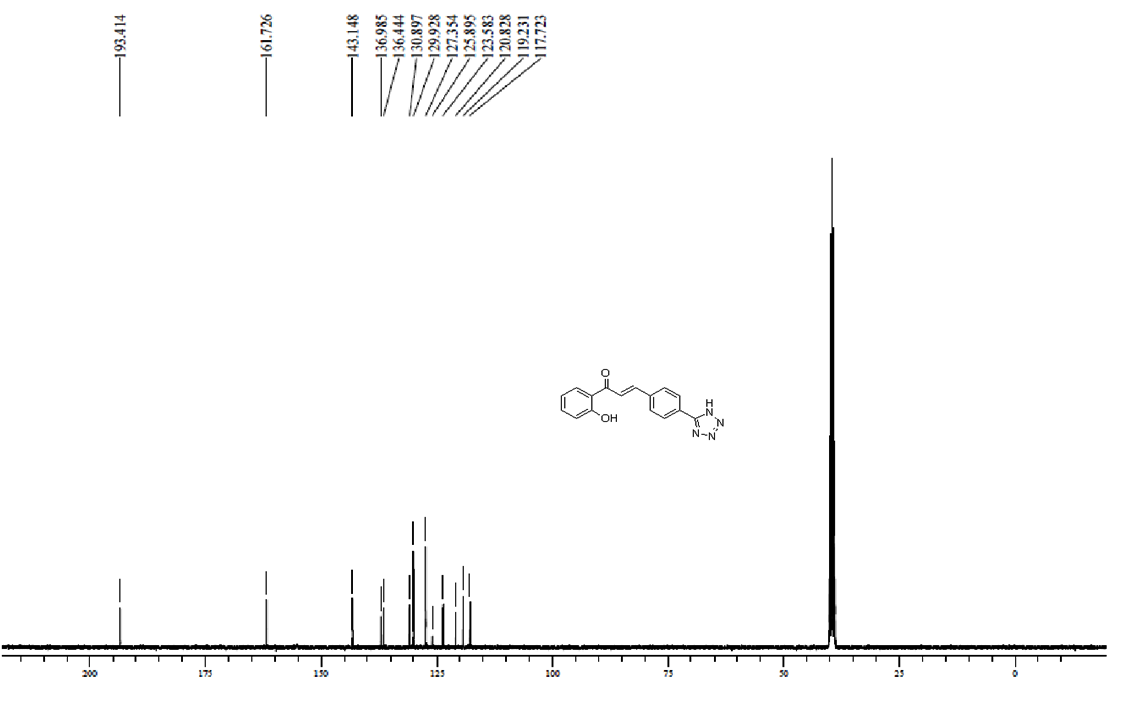
B.VIJAYA LAKSHMI1.

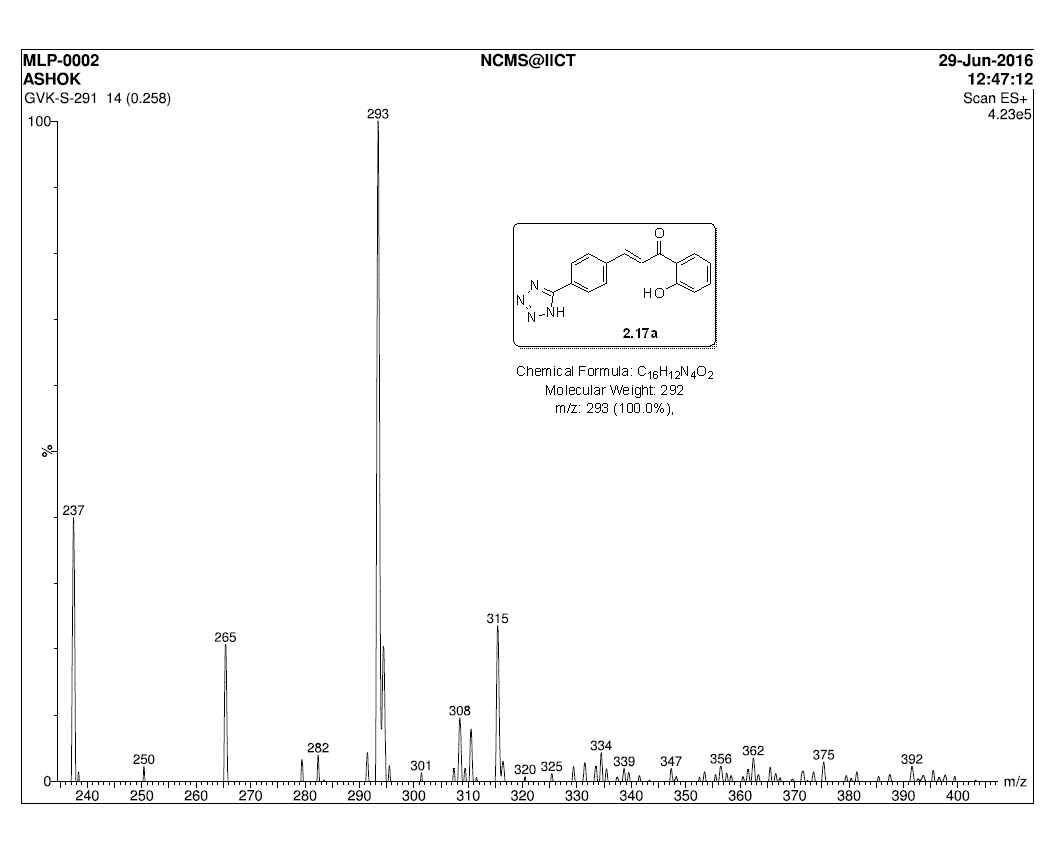
*1Green and Medicinal Chemistry Laboratory, Department of Chemistry, Osmania University, Hyderabad, 500007, Telangana, India; 2Department of Chemistry, Satavahana University, Karimnagar, Telangana 505001.*

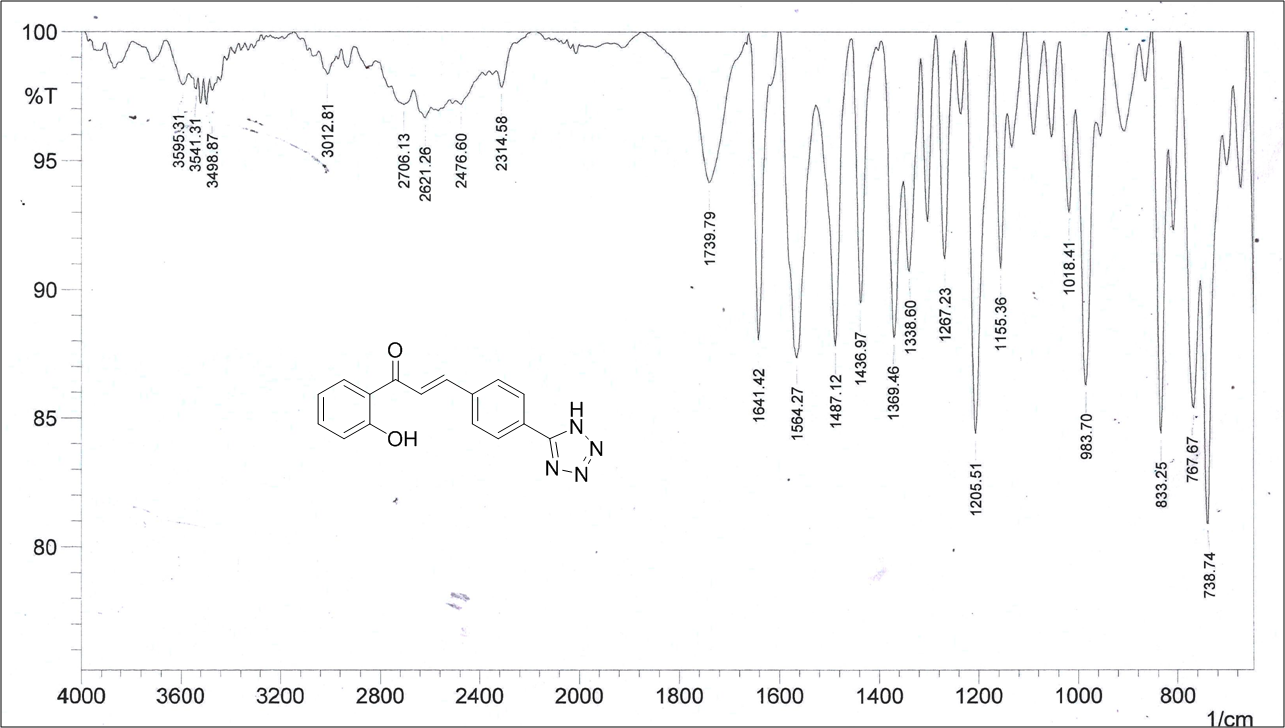
1H NMR, 13C NMR, MASS AND IR OF COMPOUNDS

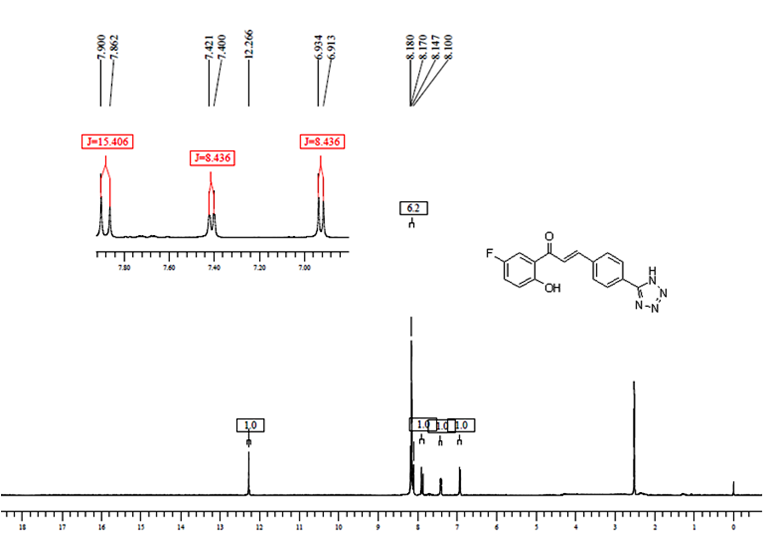


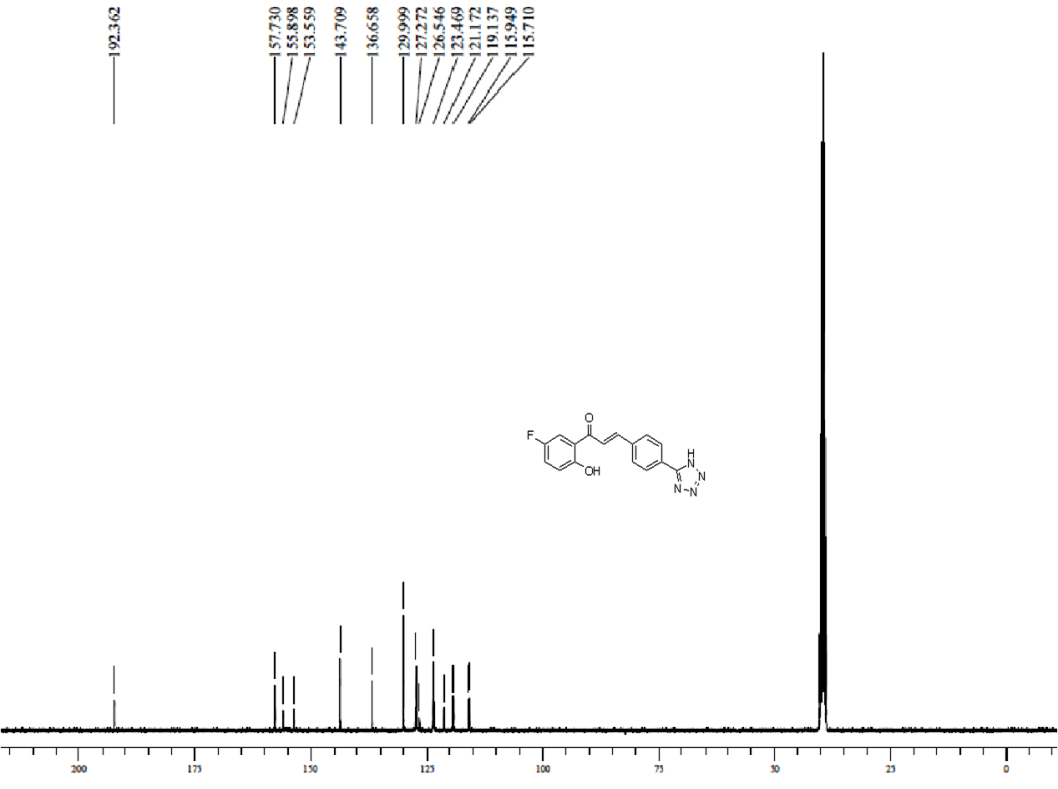
**Figure S1: 1H-NMR (400 MHz, DMSO-d6) of Compound 4a**

**Figure S2: 13C-NMR (100 MHz, DMSO-d6) of Compound 4a**

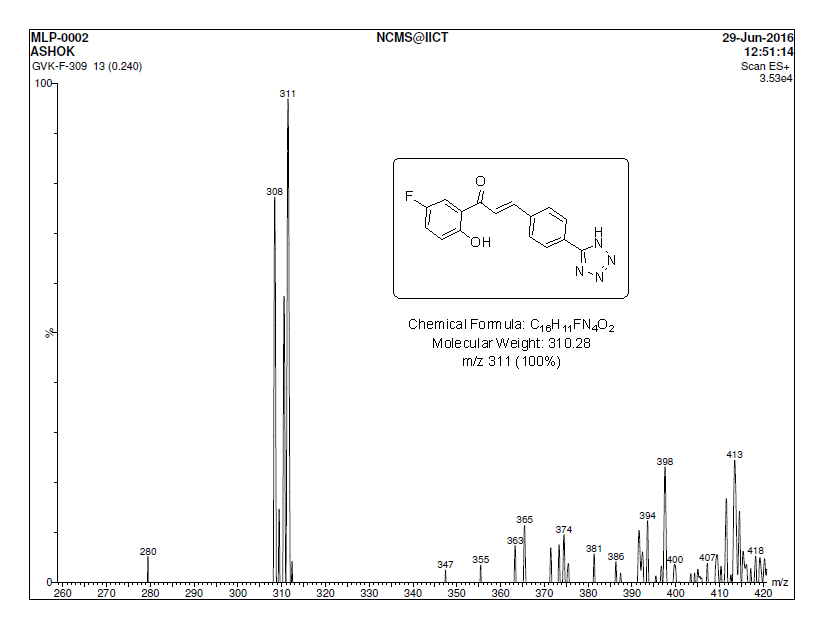
**Figure S3: Mass spectrum of Compound 4a**

**Figure S4: IR spectrum of Compound 4a**

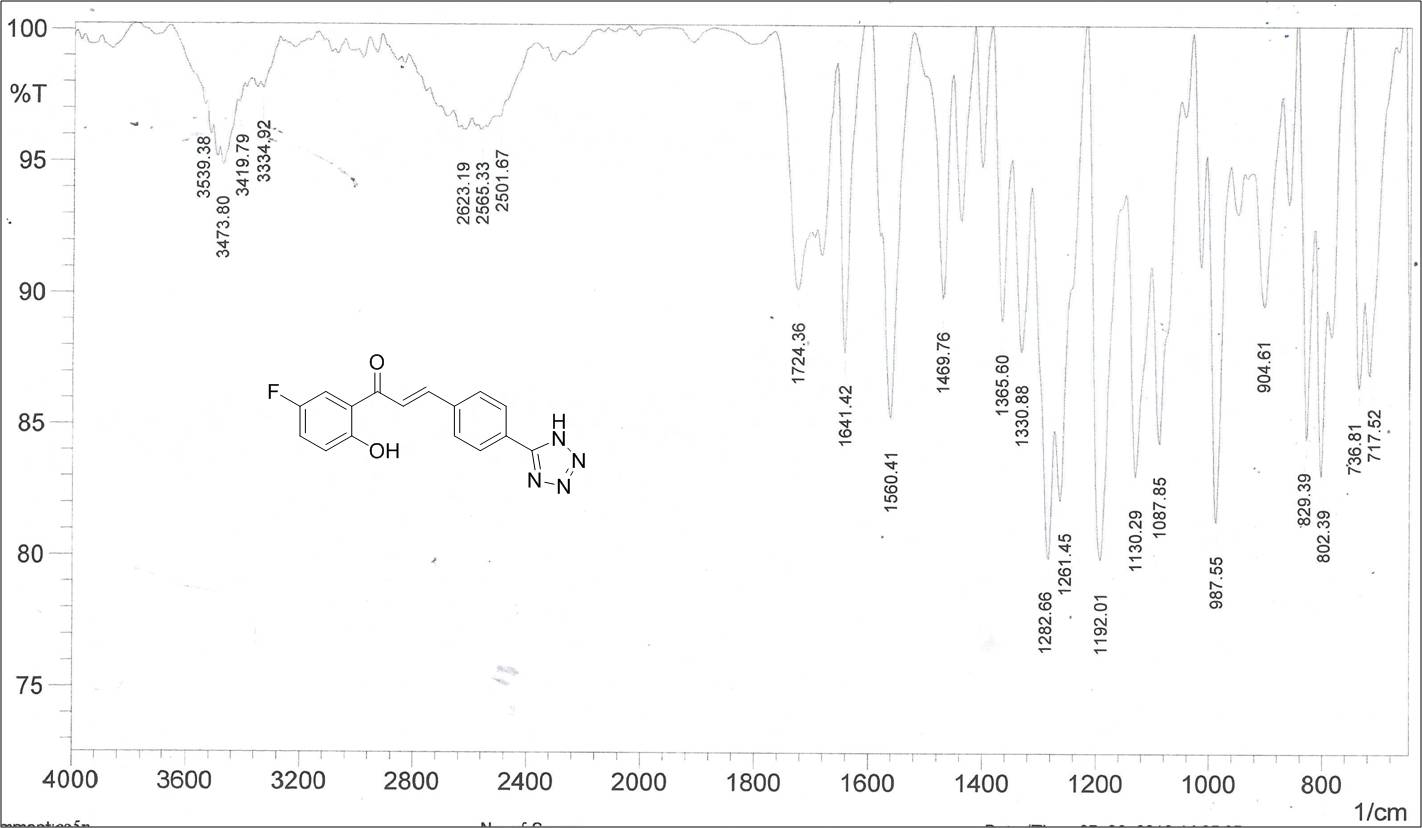
**Figure S5: 1H-NMR of Compound 4b**



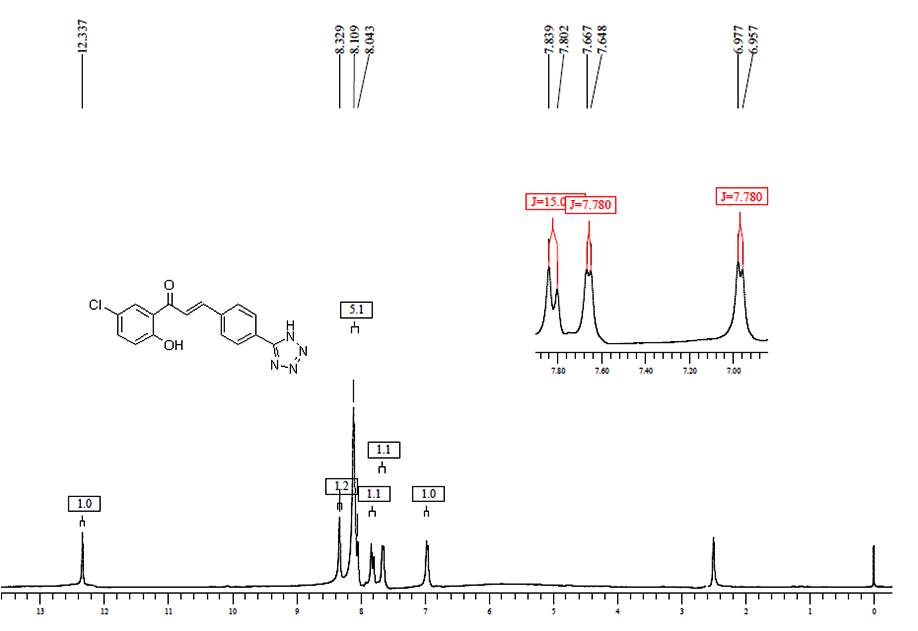
**Figure S6: 13C-NMR of Compound 4b**

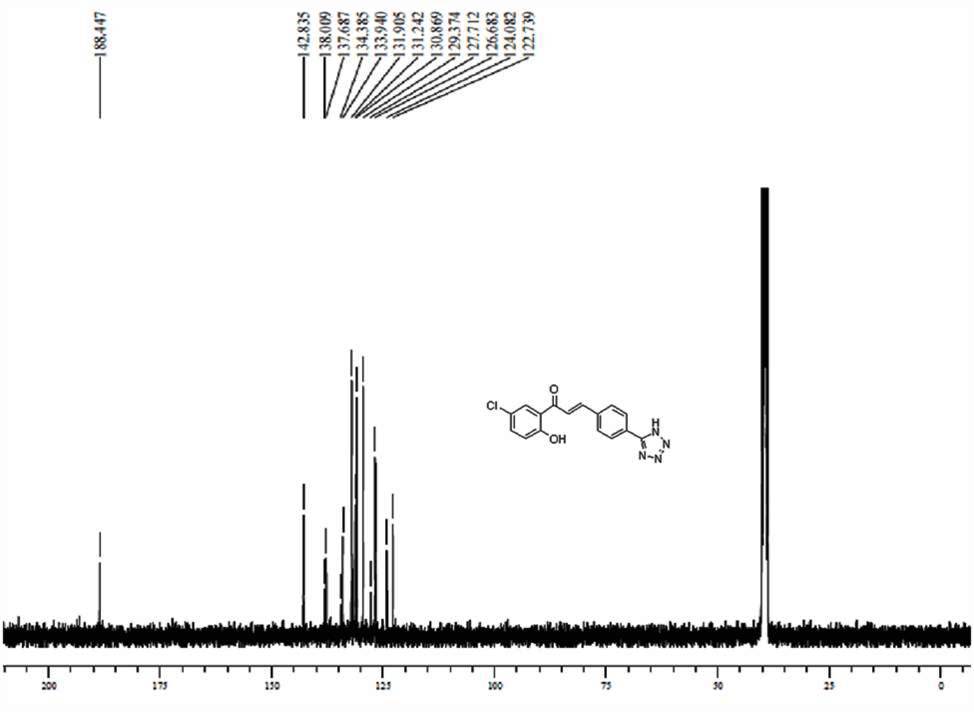


**Figure S7: Mass spectrum of Compound 4b**

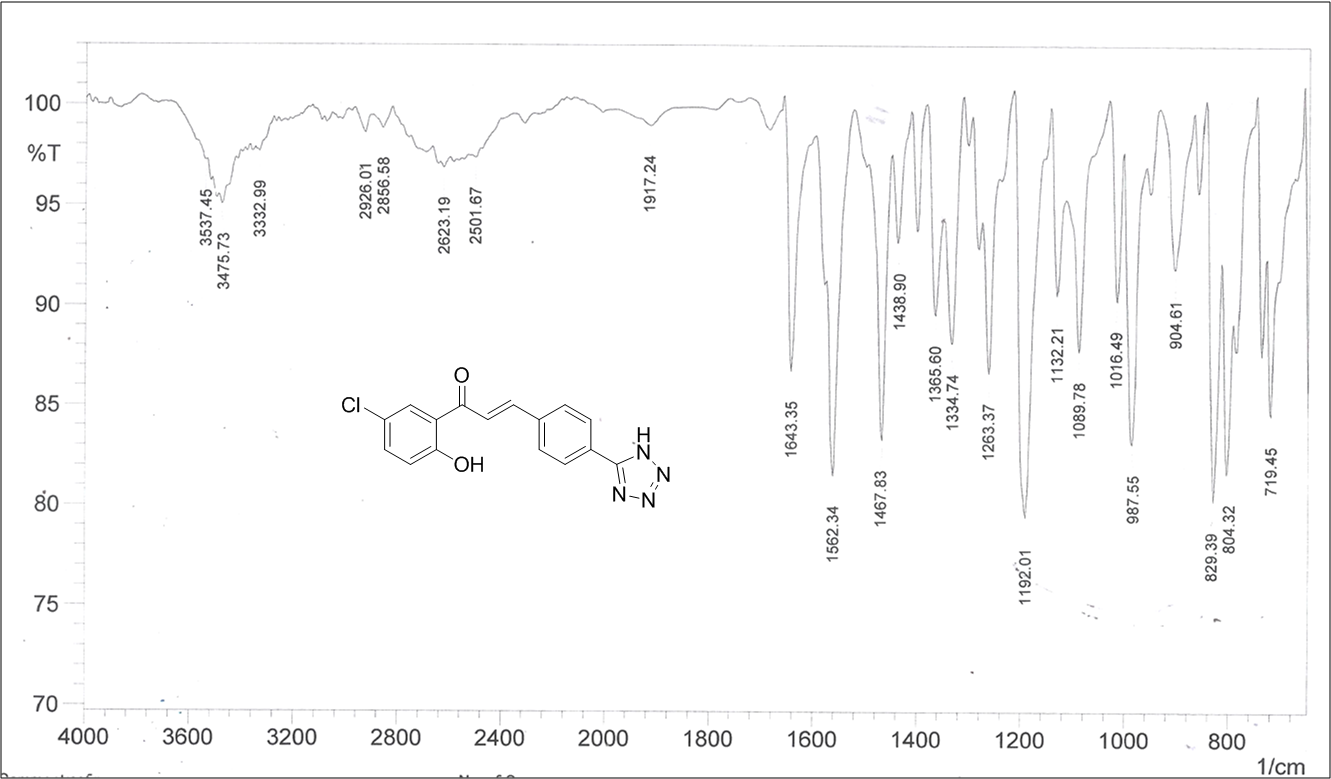
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**Figure S8: IR spectrum of Compound 4b**

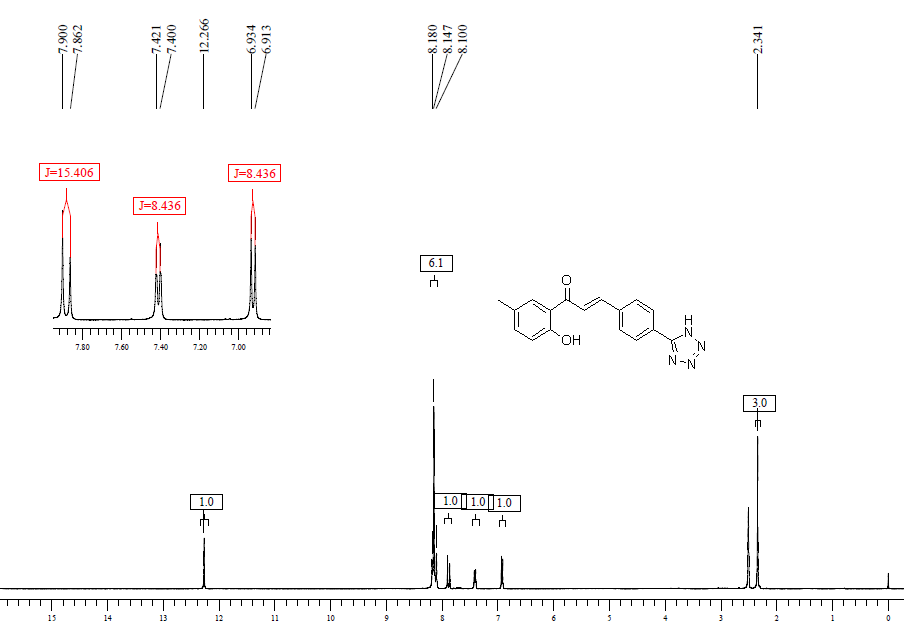
**Figure S9: 1H-NMR of Compound 4c**

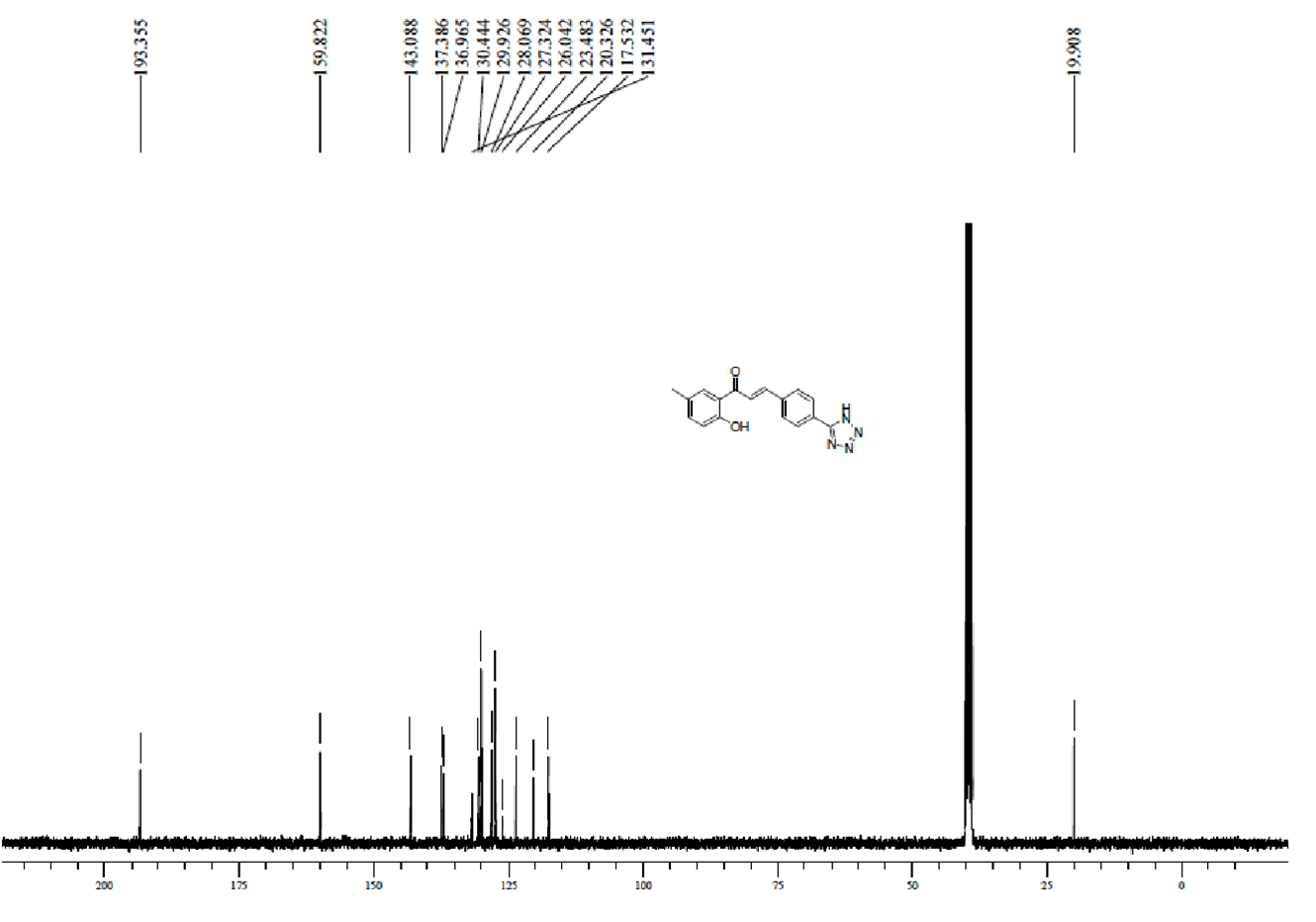
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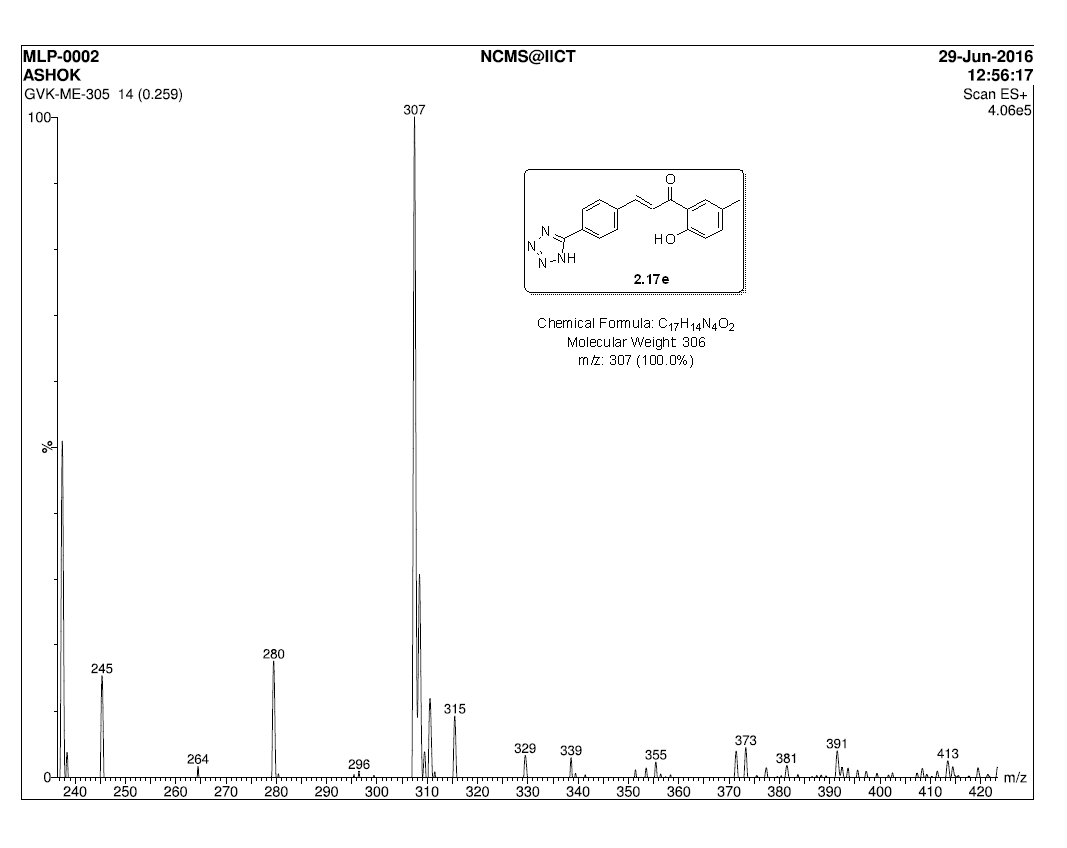
**Figure S10: 13C-NMR of Compound 4c**

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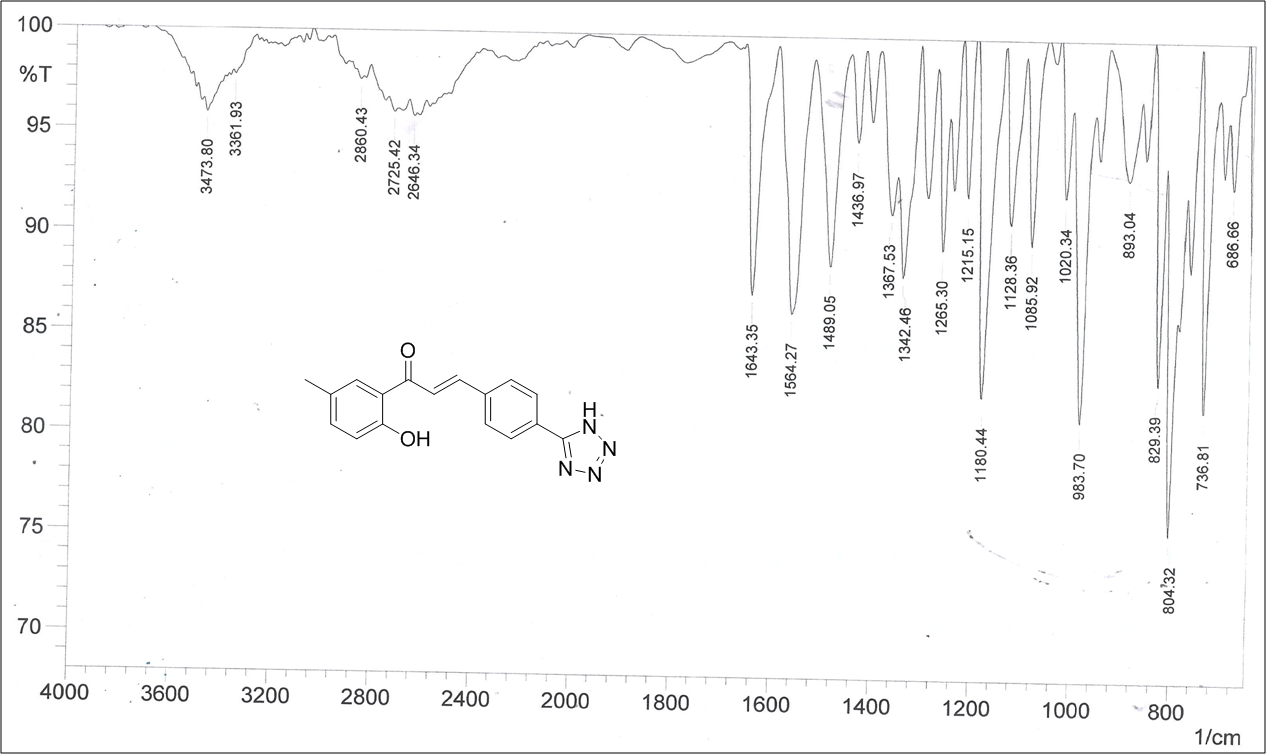
**Figure S11: IR spectrum of Compound 4c**

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

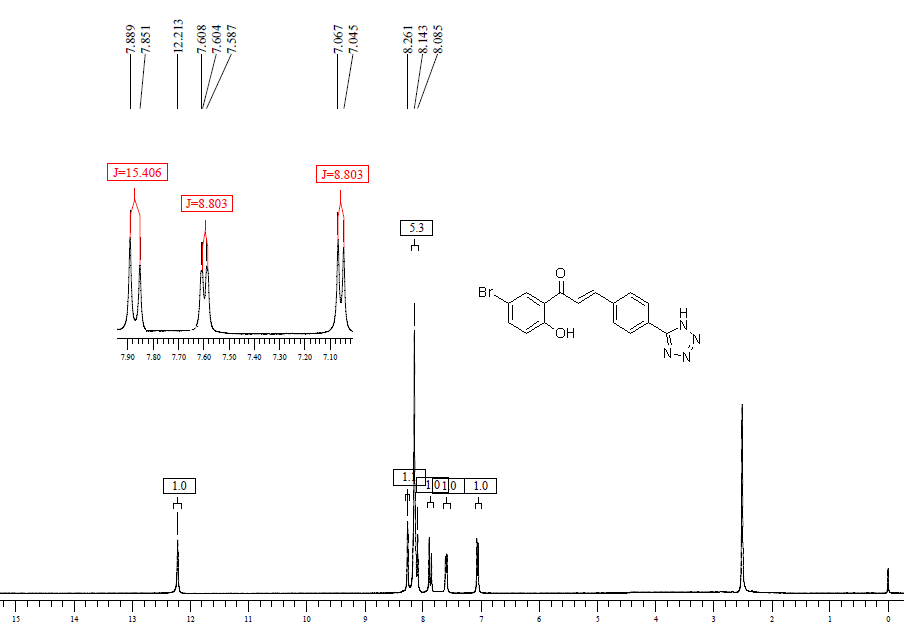
**Figure S13: 13C-NMR spectrum of Compound 4d**

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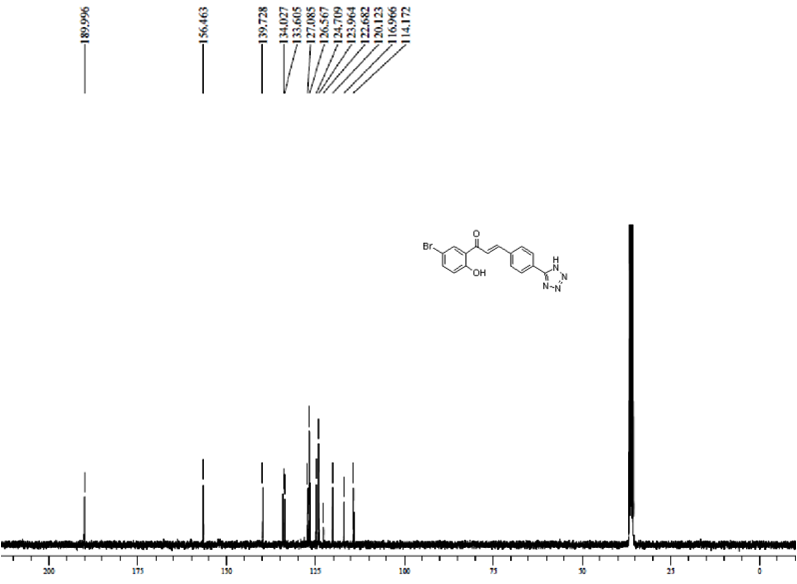
**Figure S14: Mass spectrum of Compound 4d**

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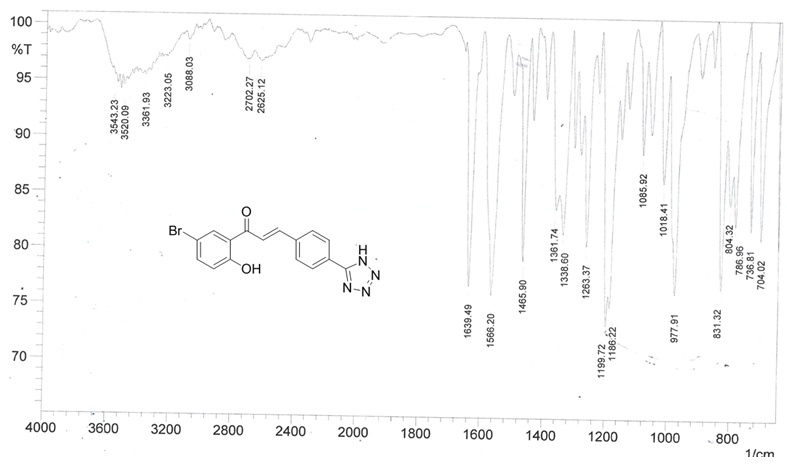
**Figure S15: IR spectrum of Compound 4d**

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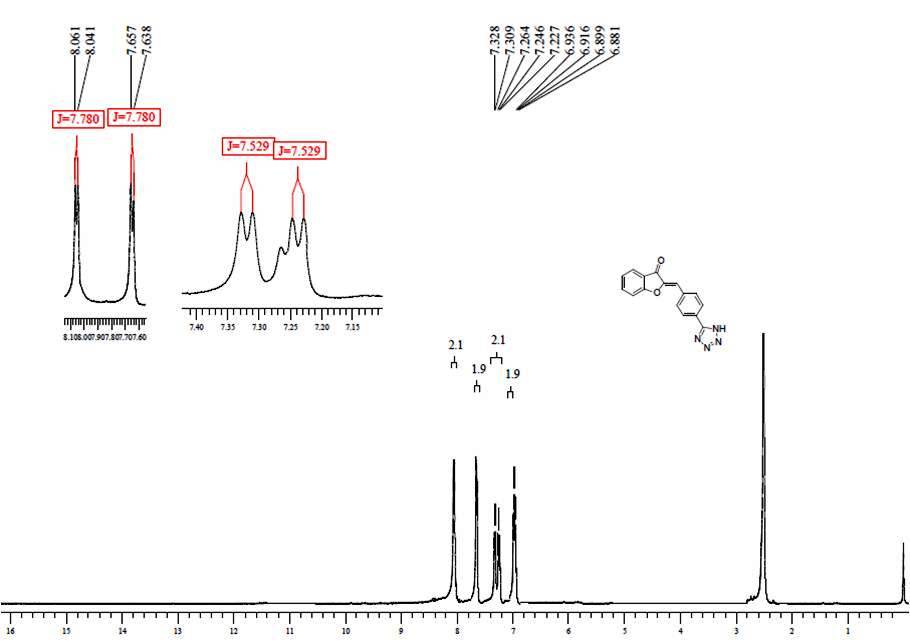
**Figure S16: 1H-NMR spectrum of Compound 4e**

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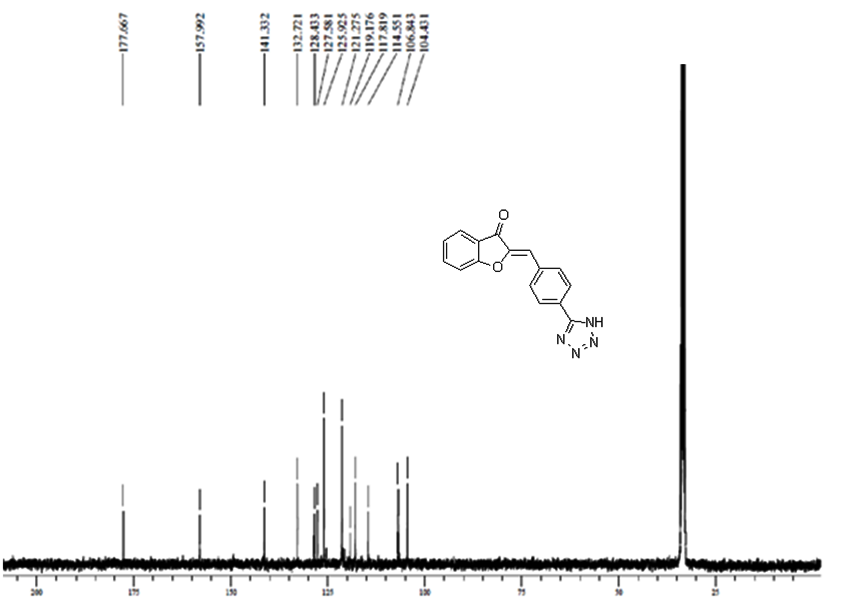
**Figure S17: 13C-NMR spectrum of Compound 4e**

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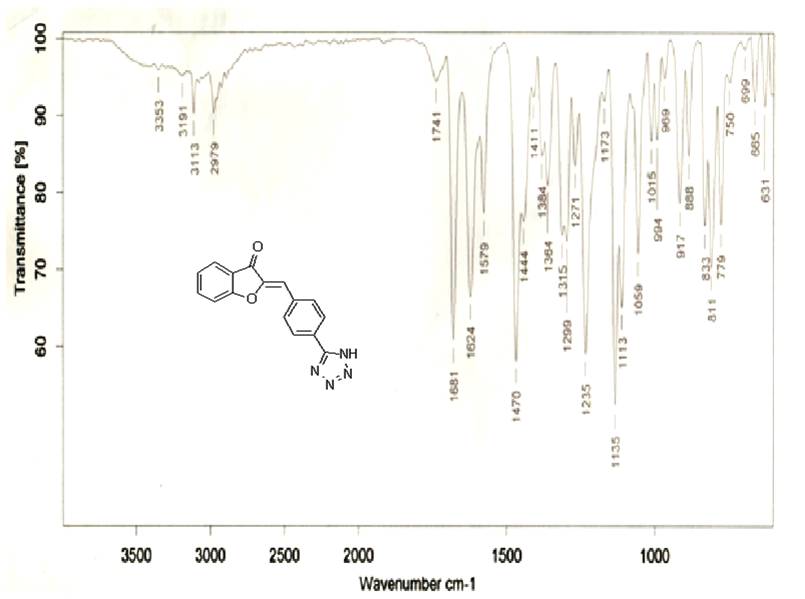
**Figure S18: IR spectrum of Compound 4e**

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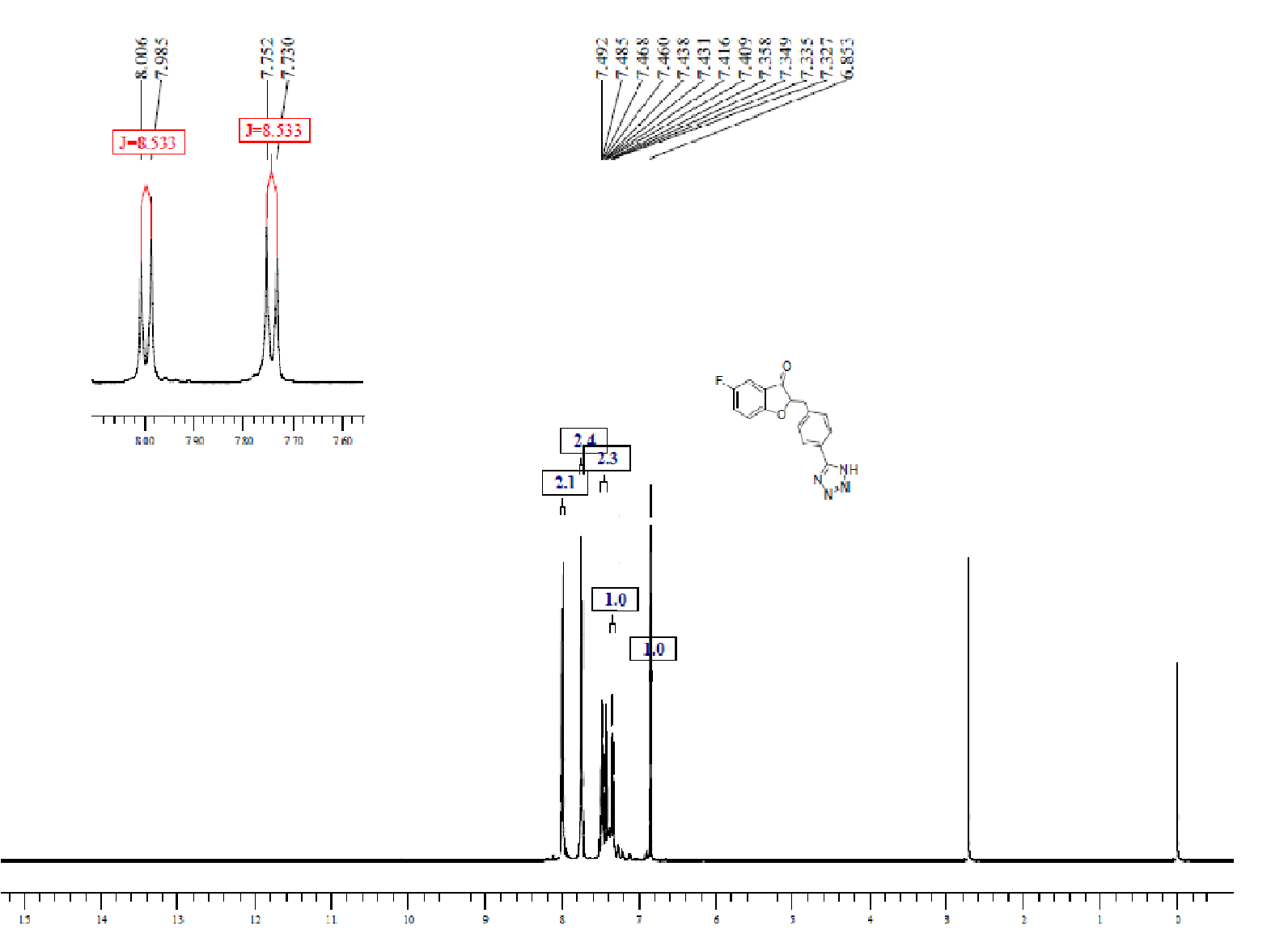
**Figure S19: 1H-NMR spectrum of Compound 5a**

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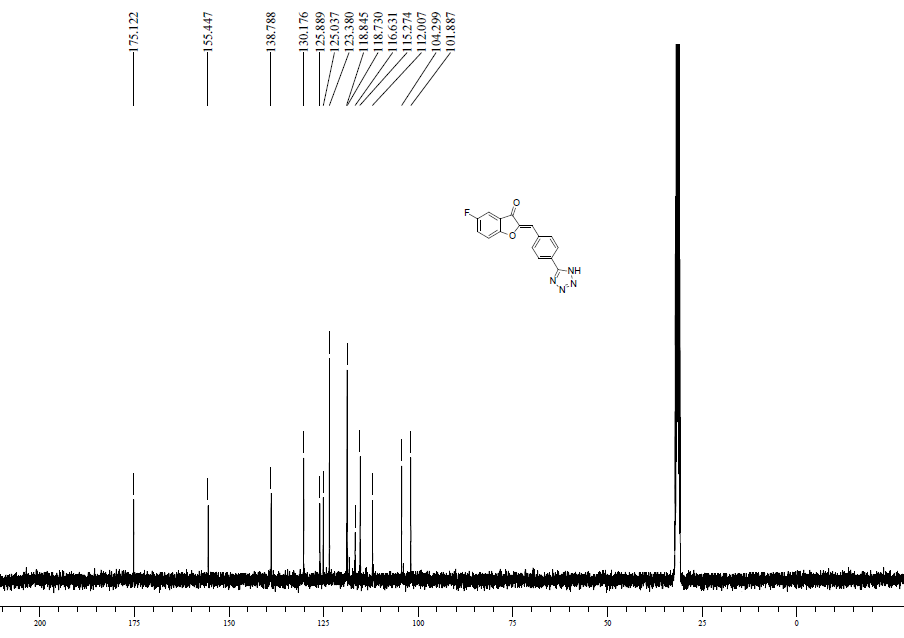
**Figure S20: 13C-NMR spectrum of Compound 5a**

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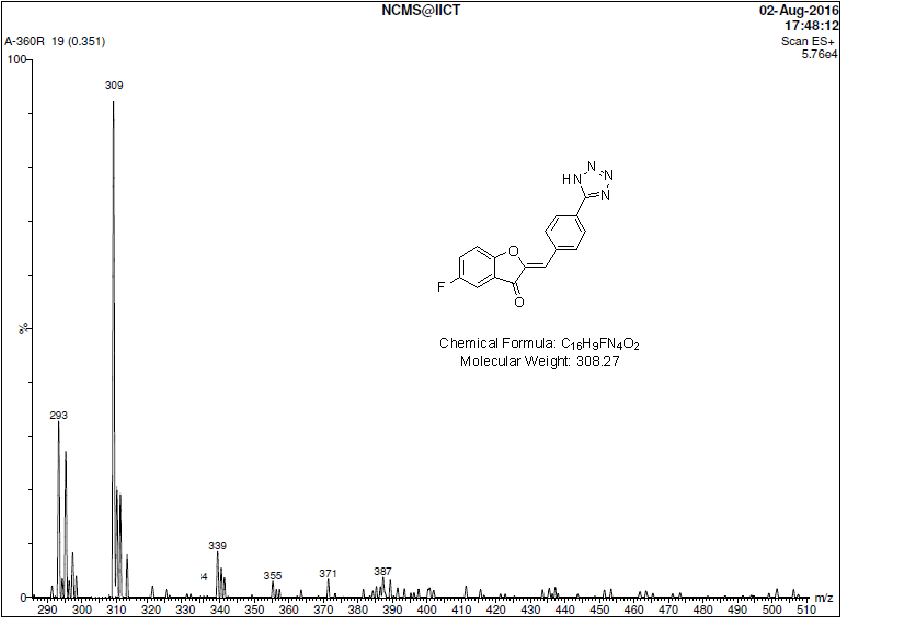
**Figure S21: IR spectrum of Compound 5a**



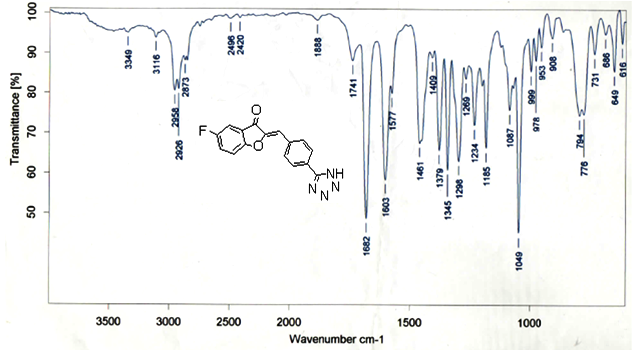
**Figure S22: 1H-NMR spectrum of Compound 5b**



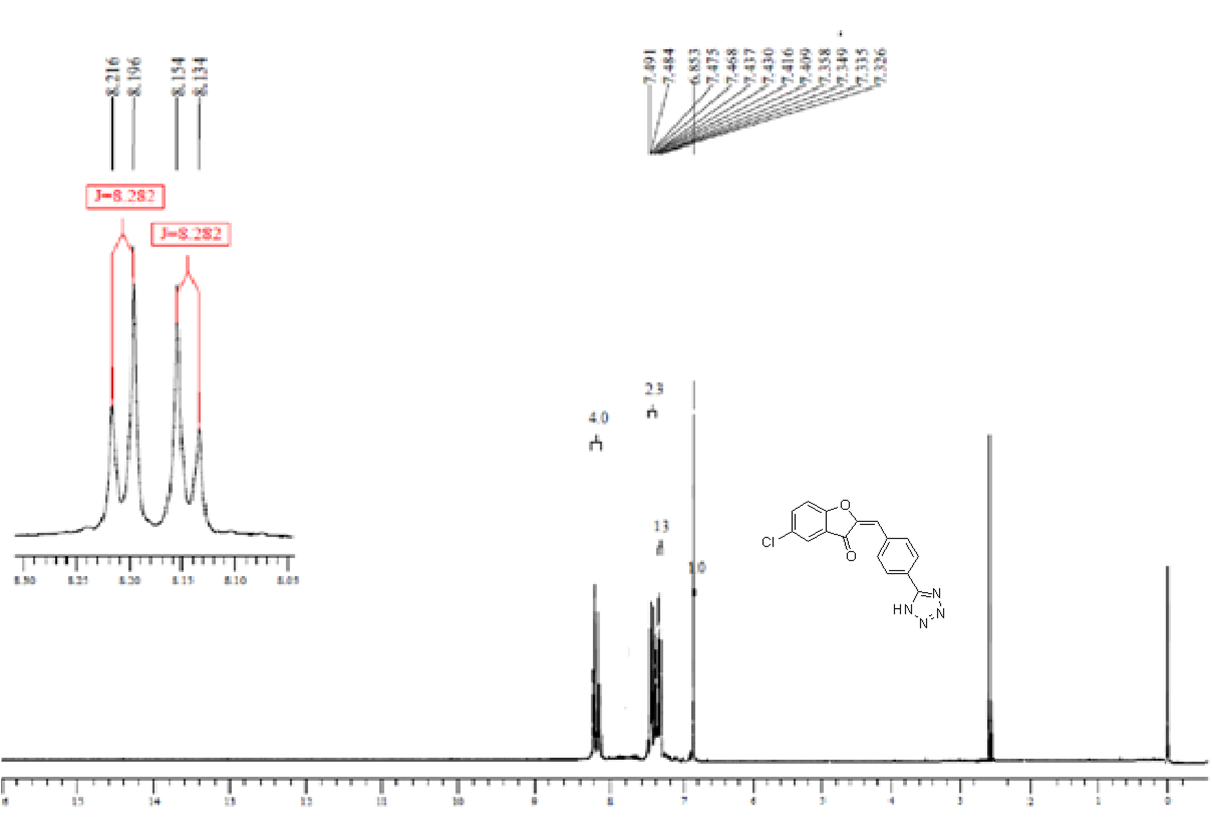
**Figure S23: 13C-NMR spectrum of Compound 5b**



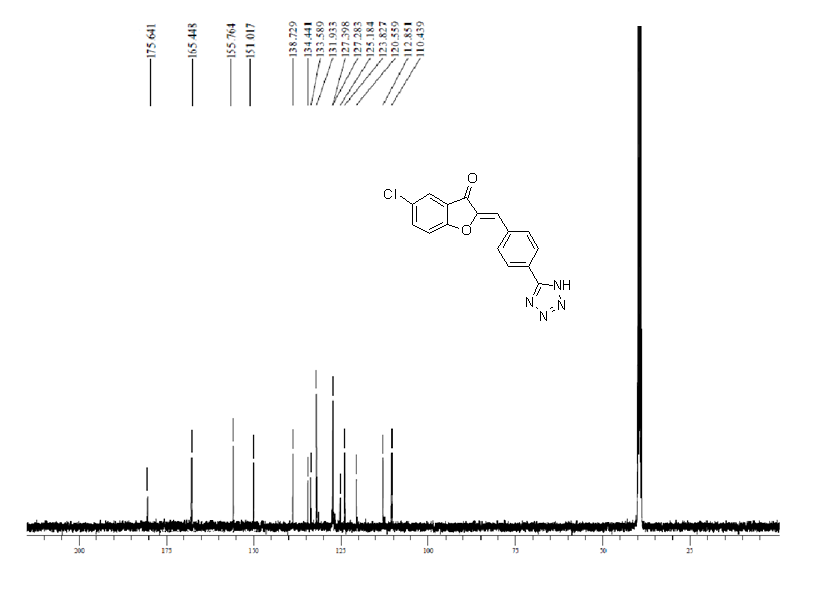
**Figure S24: Mass spectrum of Compound 5b**

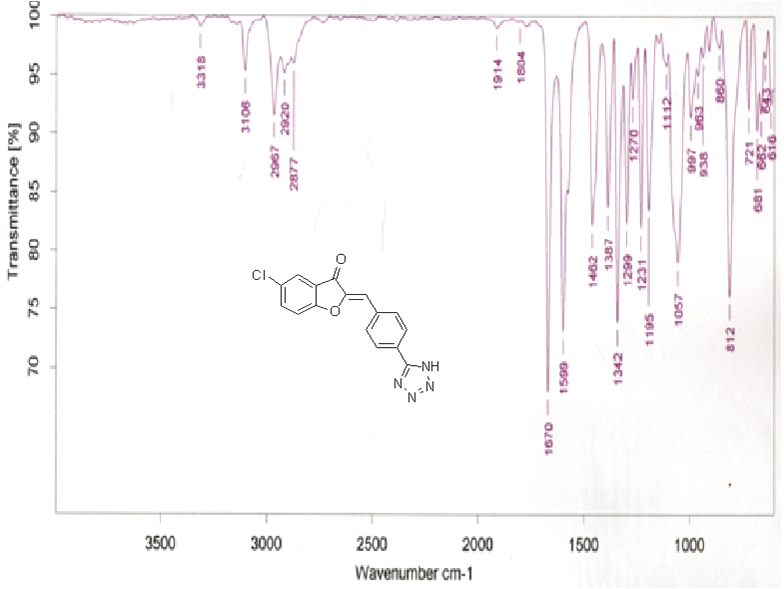


**Figure S25: IR spectrum of Compound 5b**

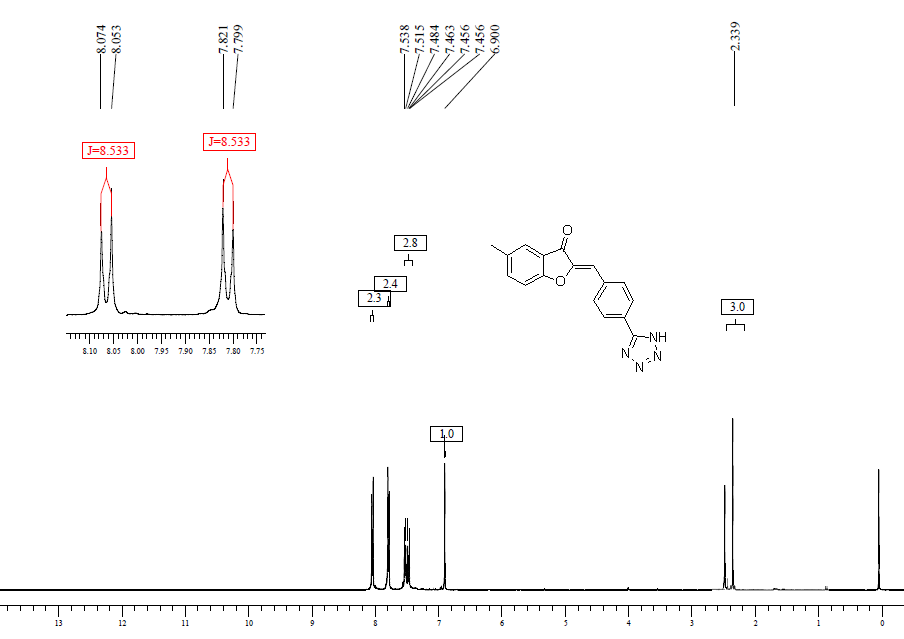


**Figure S26: 1H-NMR spectrum of Compound 5c**

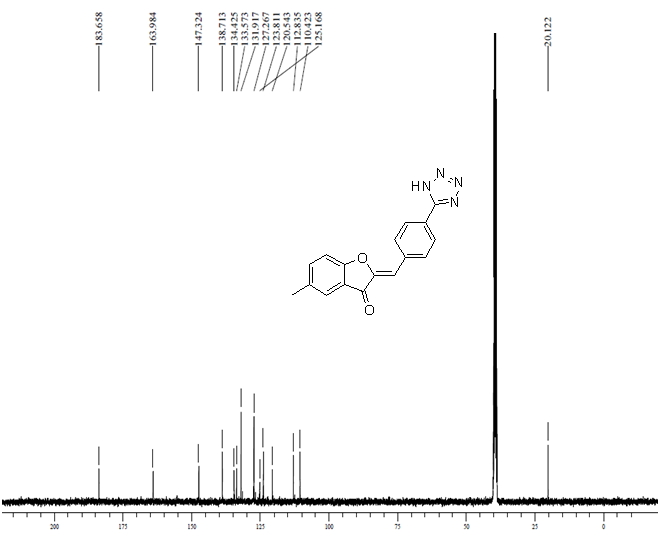
**Figure S27: 13C-NMR spectrum of Compound 5c**



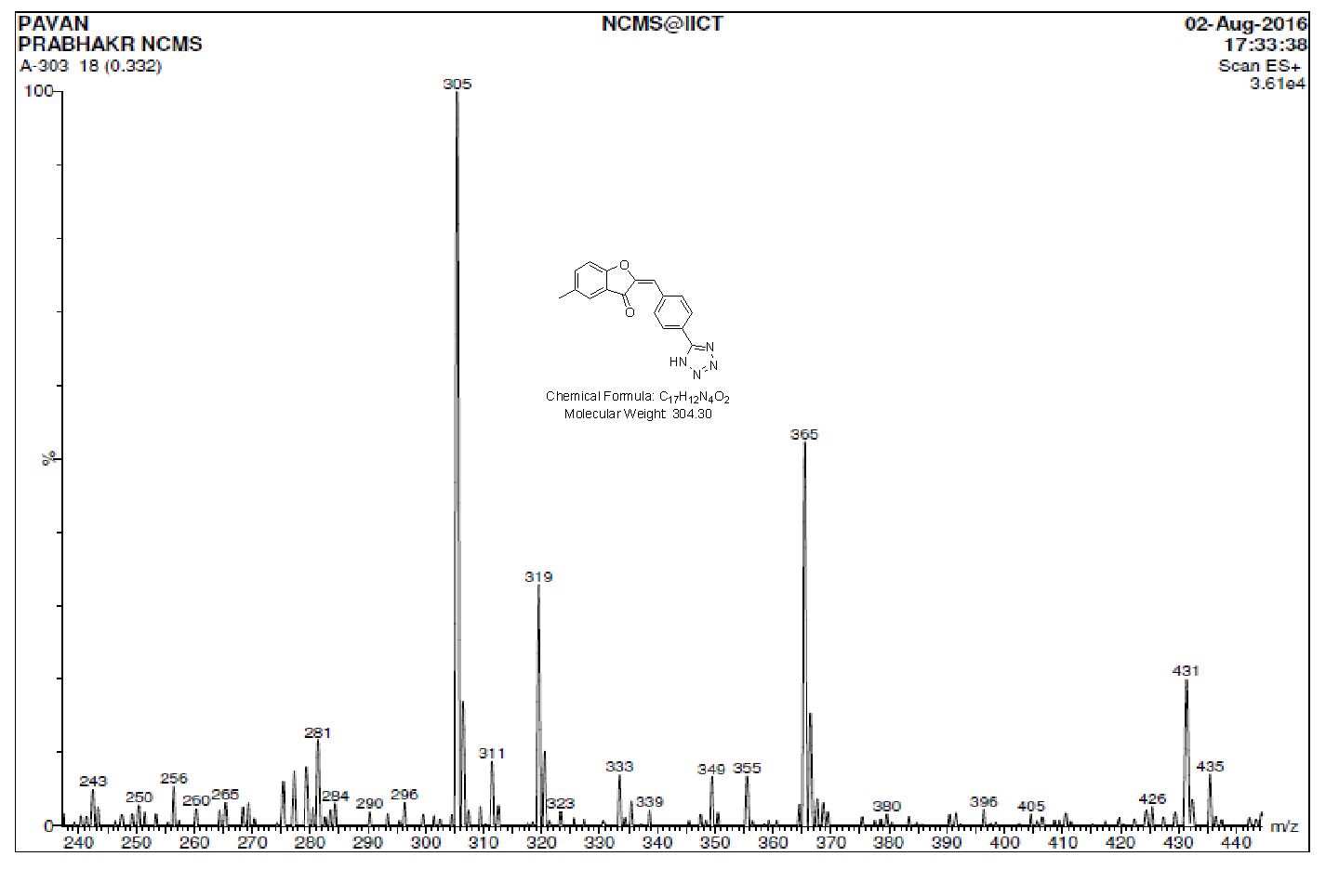
**Figure S28: IR spectrum of Compound 5c**



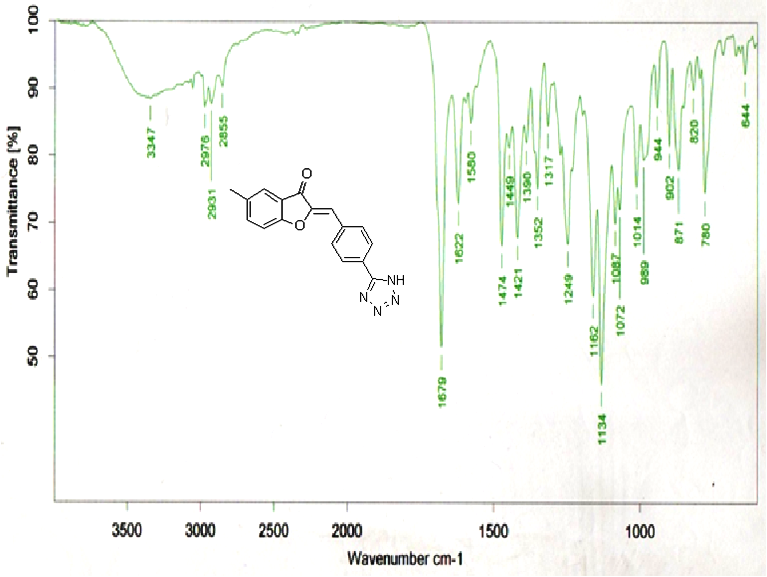
**Figure S29: 1H-NMR spectrum of Compound 5d**



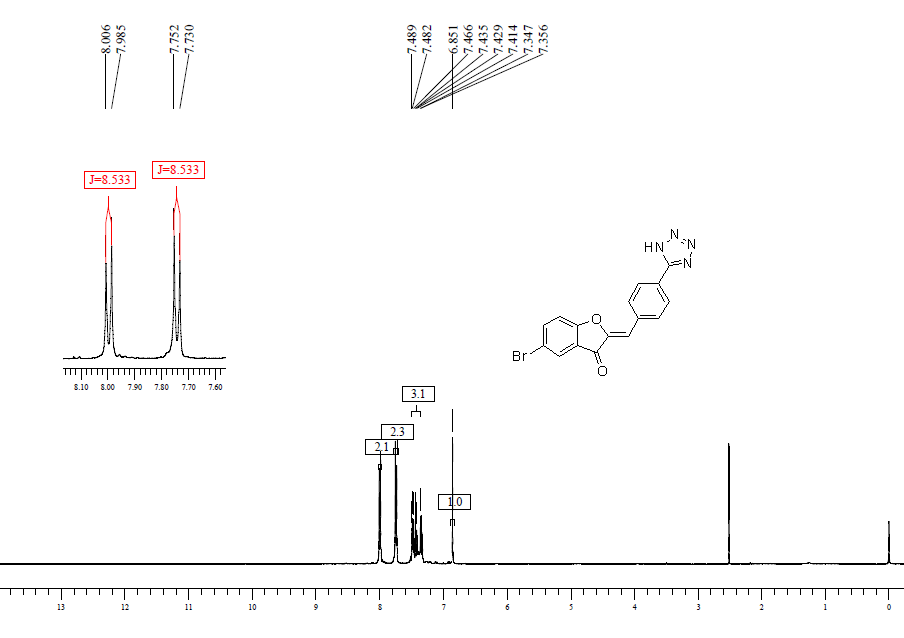
**Figure S30: 13C-NMR spectrum of Compound 5d**



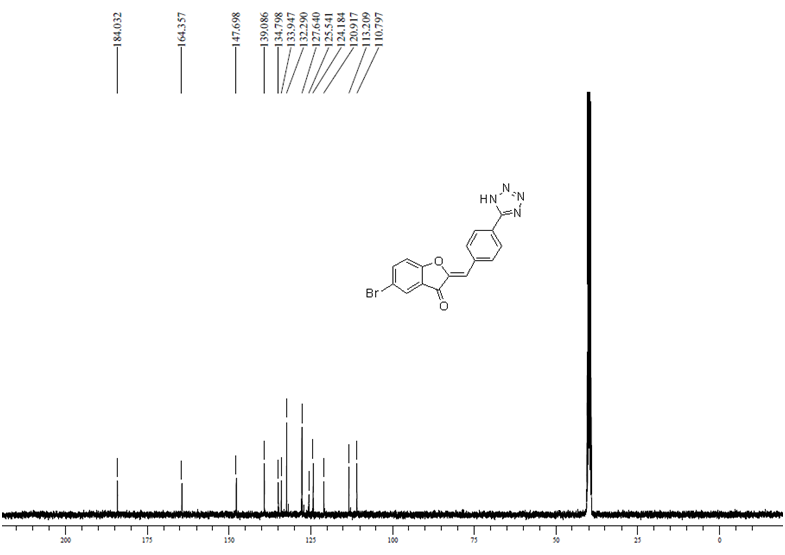
**Figure S31: Mass spectrum of Compound 5d**



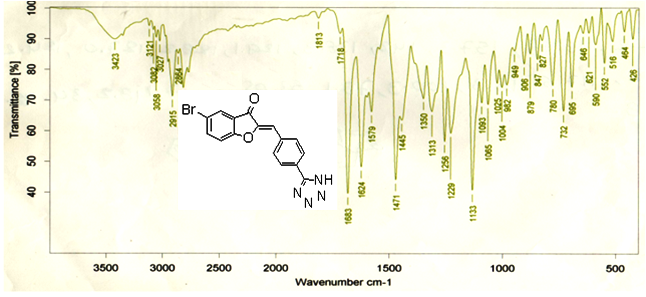
**Figure S32: IR spectrum of of Compound 5d**



**Figure S33: 1H-NMR spectrum of Compound 5e**



**Figure S34: 13C-NMR spectrum of Compound 5e**



**Figure S35: IR spectrum of Compound 5e**

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