

Electronic Supplementary Information (ESI)

10-Camphorsulfonic acid catalyzed facile one pot synthesis of a new class of 2, 5-disubstituted 1, 3, 4-oxadiazoles

Siva Nagi Reddy Mule* ^{a,c}, Sailaja Kumari Battula ^{a,c}, Ganapathi Velupula ^a, Dinneswara Reddy Guda ^{b,d*} and Hari Babu Bollikolla*^a

^aDepartment of Chemistry, Acharya Nagarjuna University, Nagarjuna Nagar, Guntur, AP, India-522510.

E-mail address: dr.b.haribabu@gmail.com

^bDepartment of Chemistry & Medical Chemistry, Yonsei University, Wonju, Gangwon-do 220-710, South Korea.

E-mail address: drgdineshreddy@gmail.com

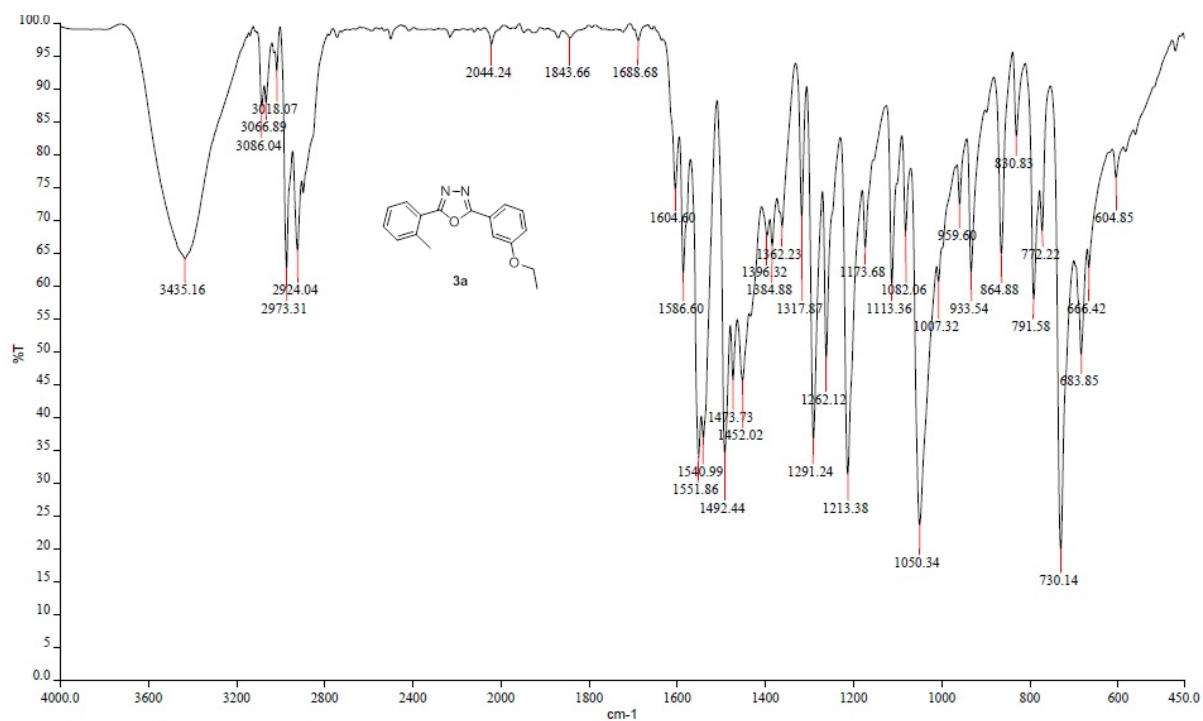
^c Hetero research foundation, APIE, Balanagar, Hyderabad, AP, India- 500018.

^dDepartment of Chemistry, Sri Venkateswara University, Tirupathi, India, 517502.

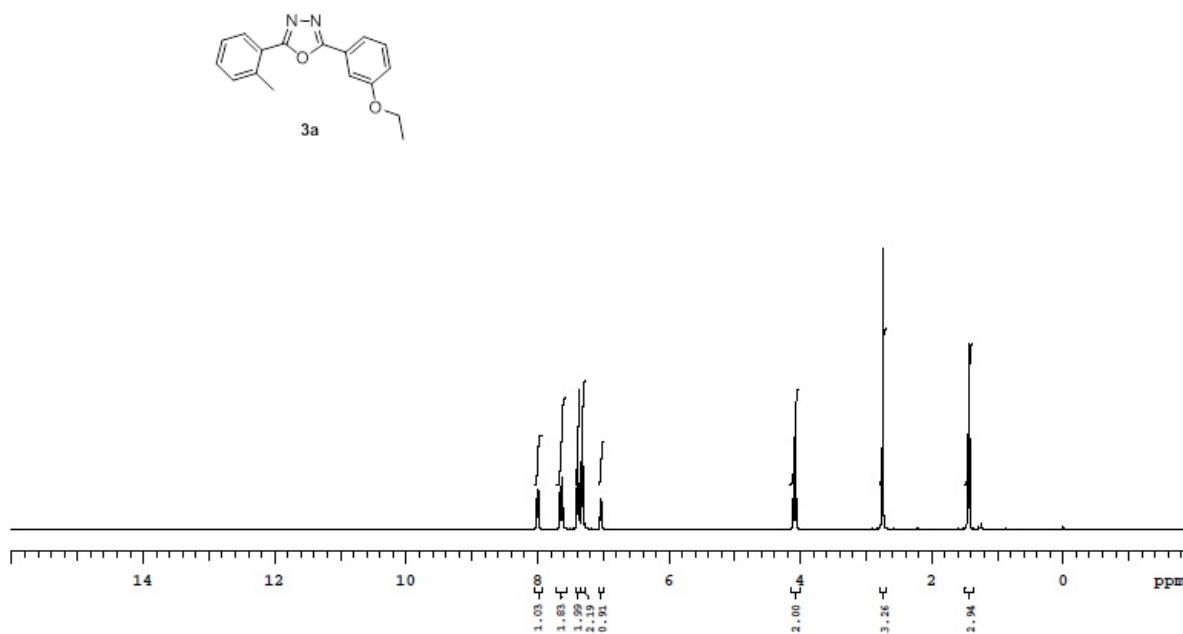
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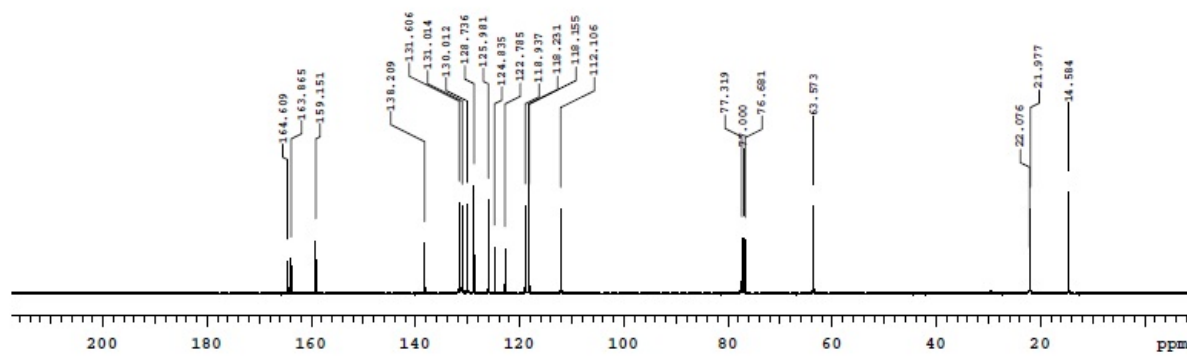
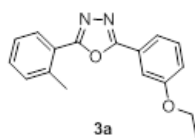
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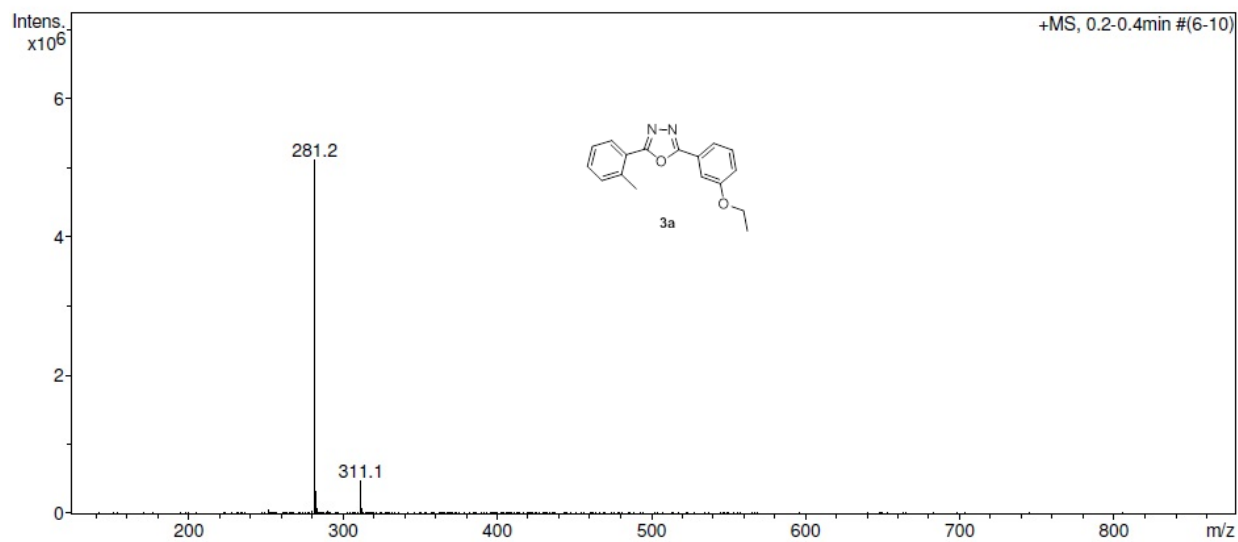
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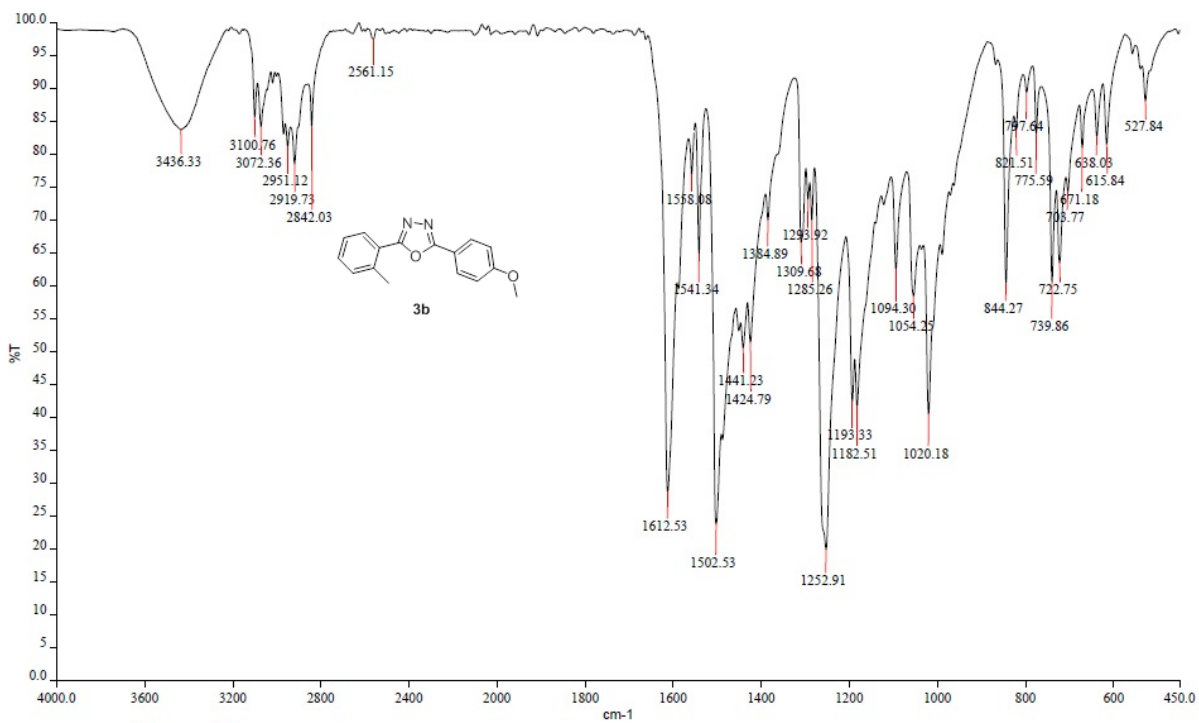
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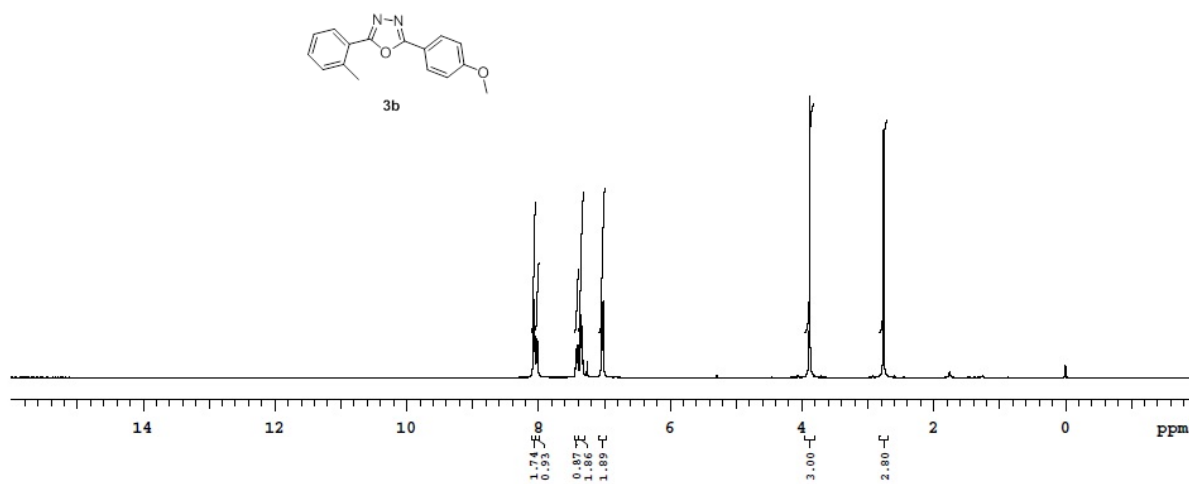
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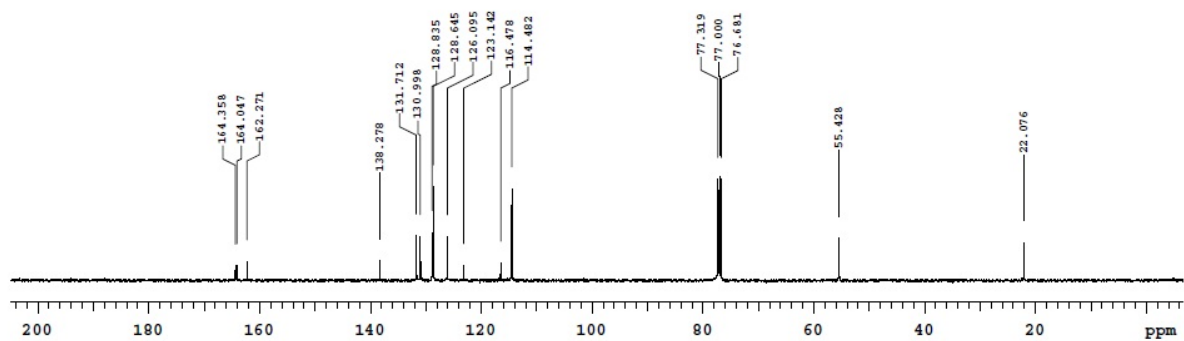
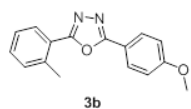
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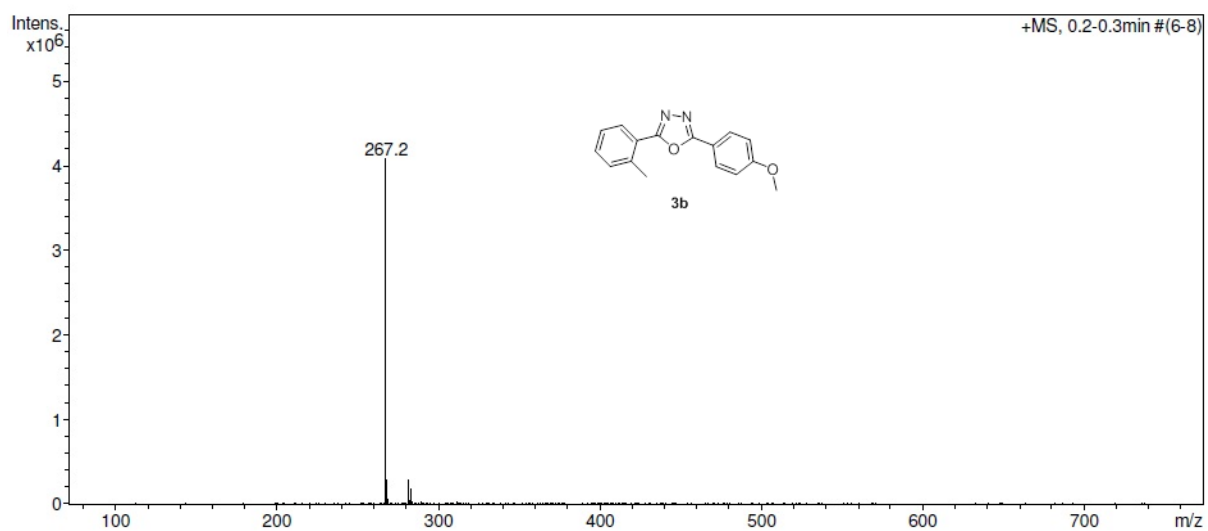
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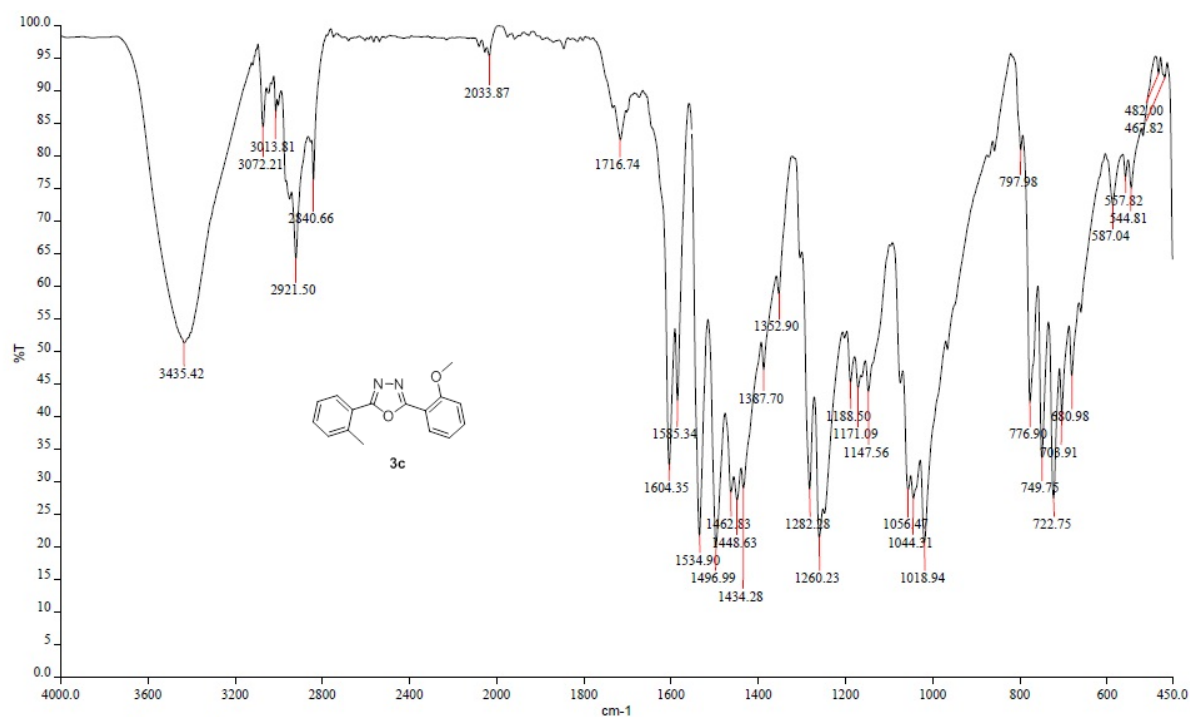
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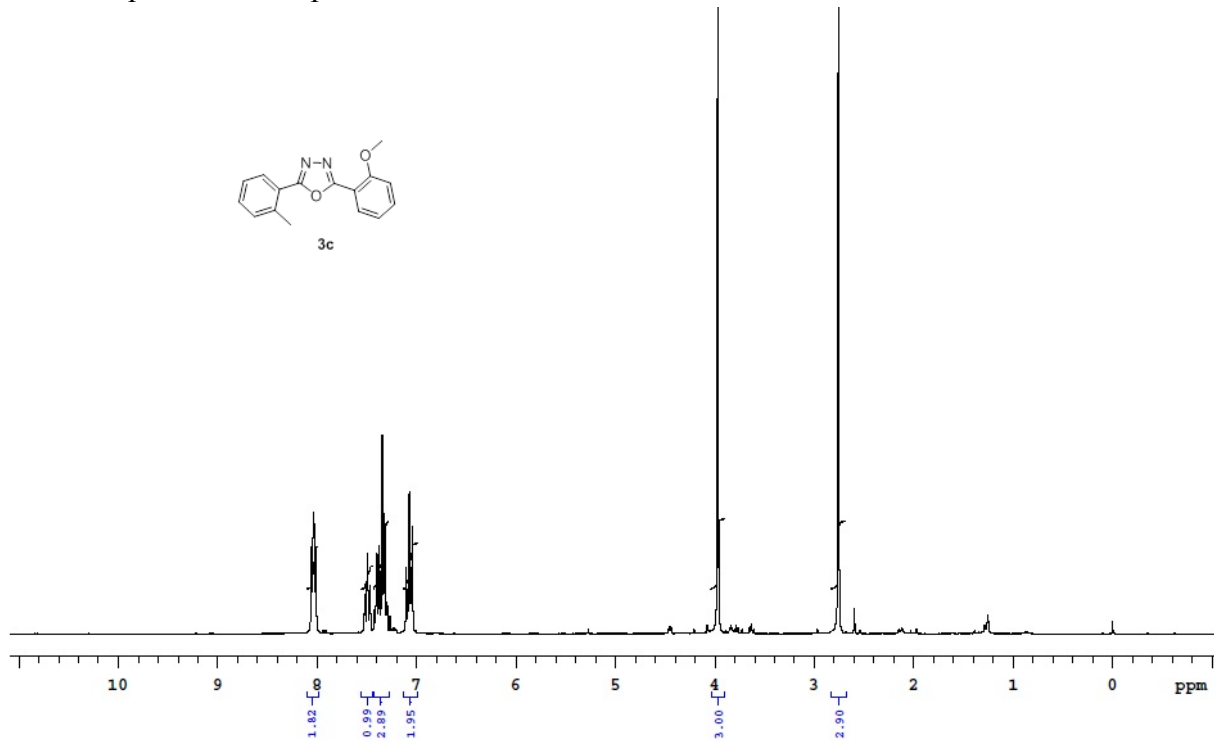
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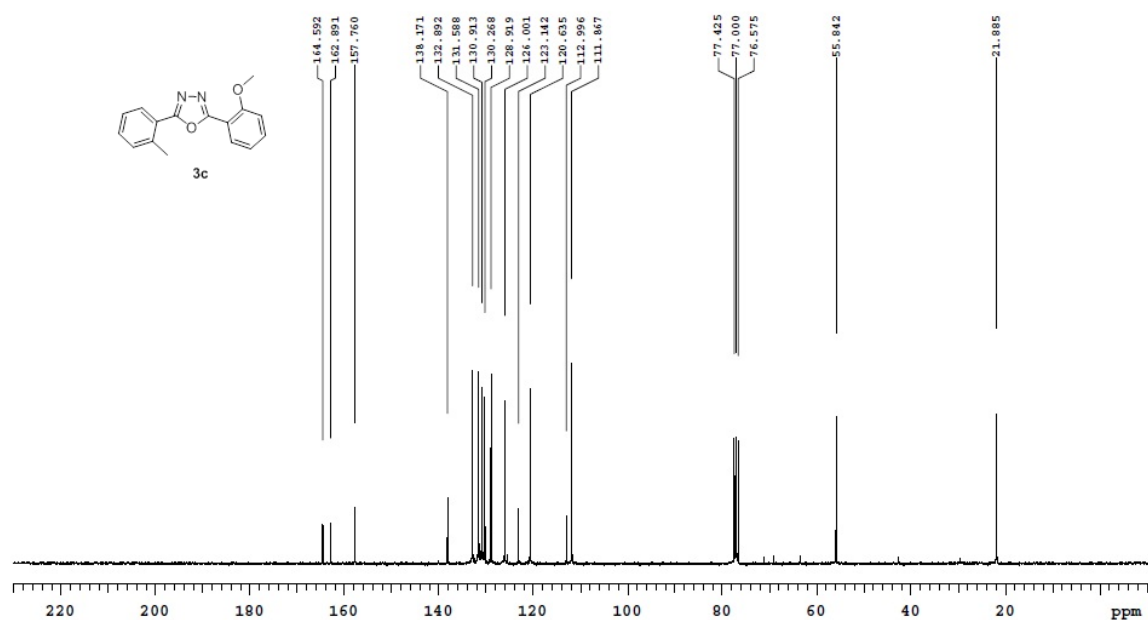
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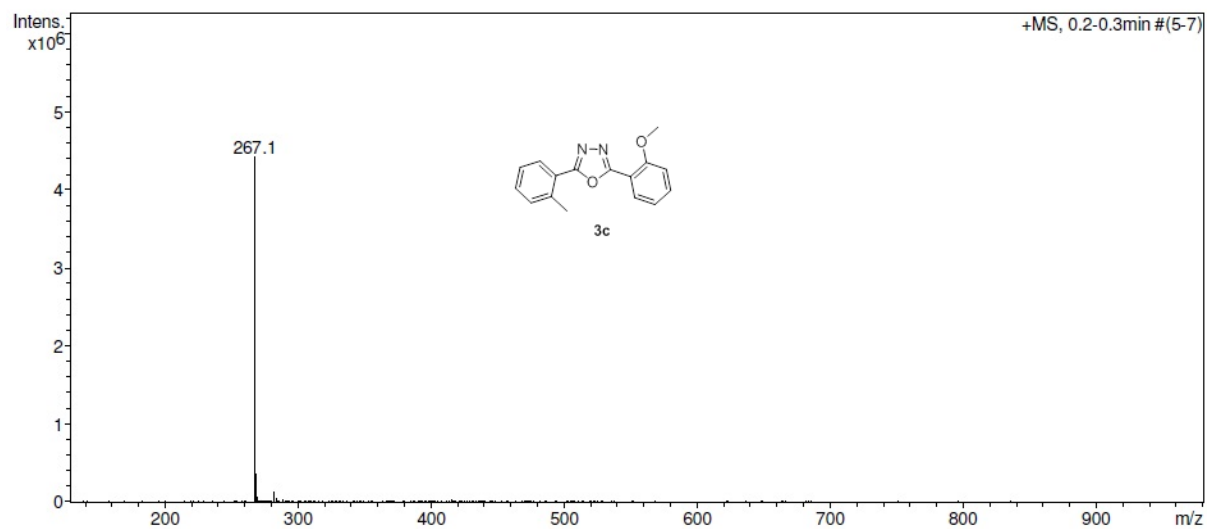
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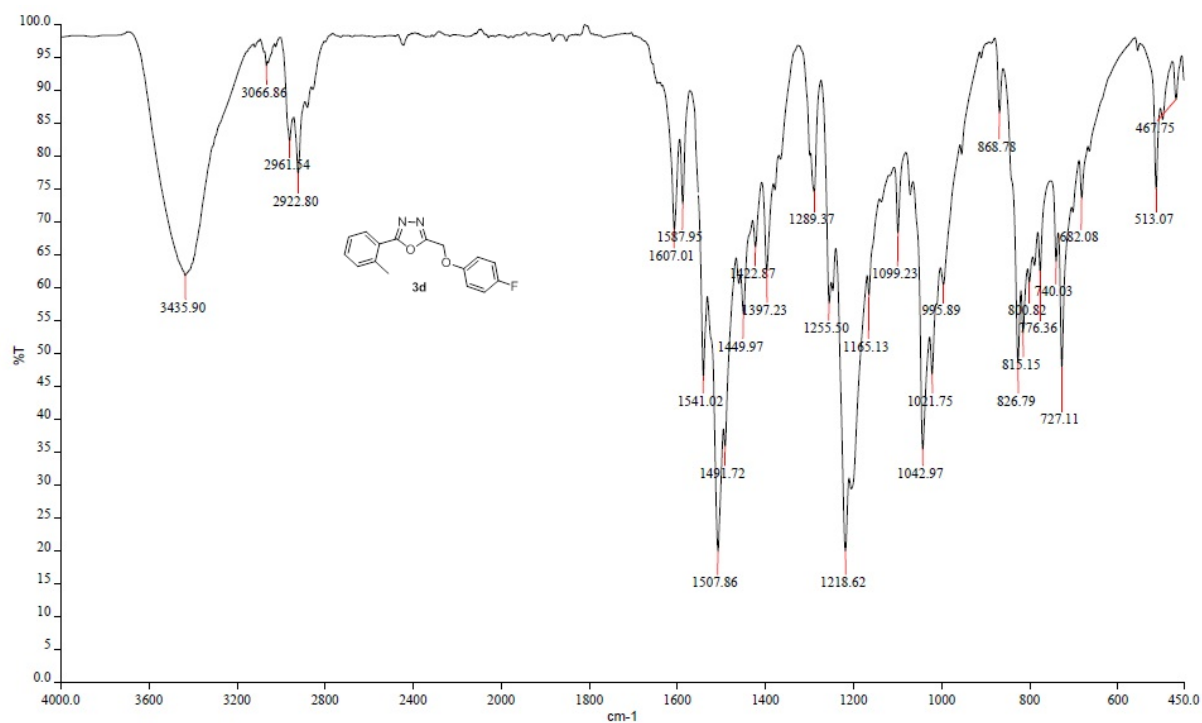
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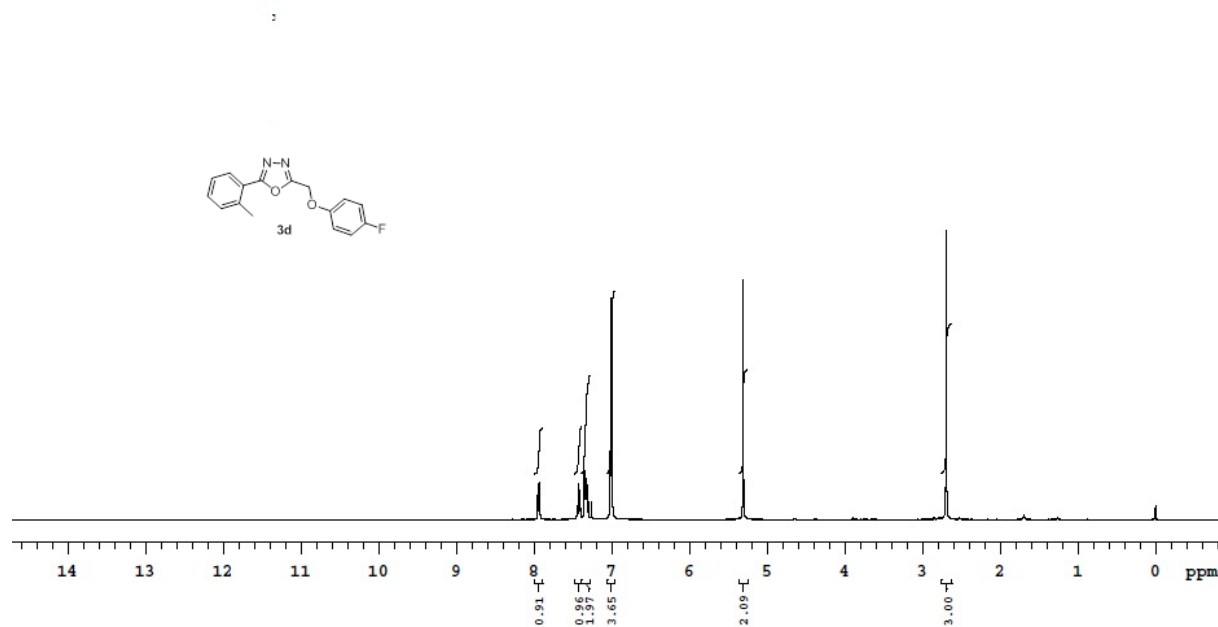
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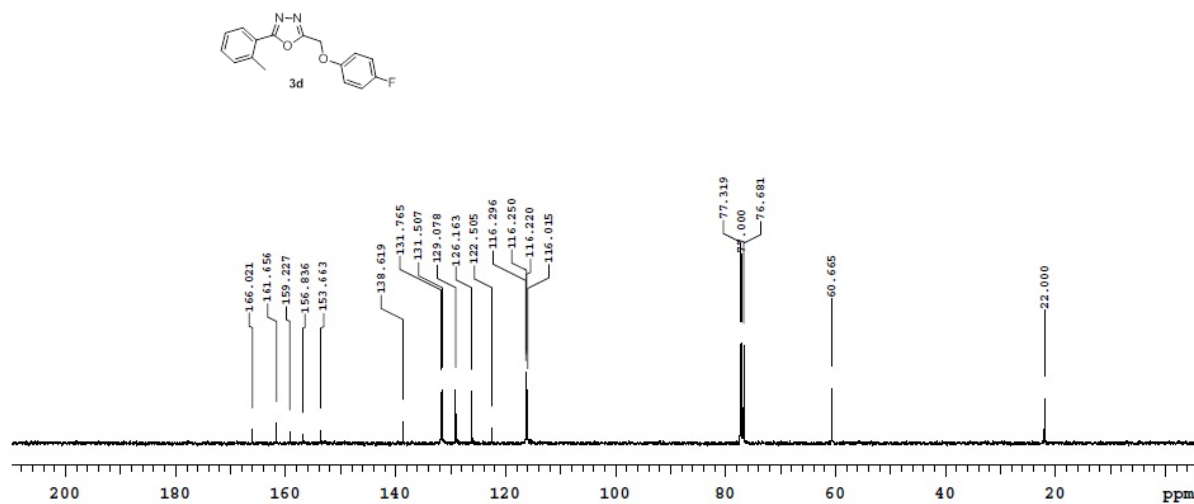
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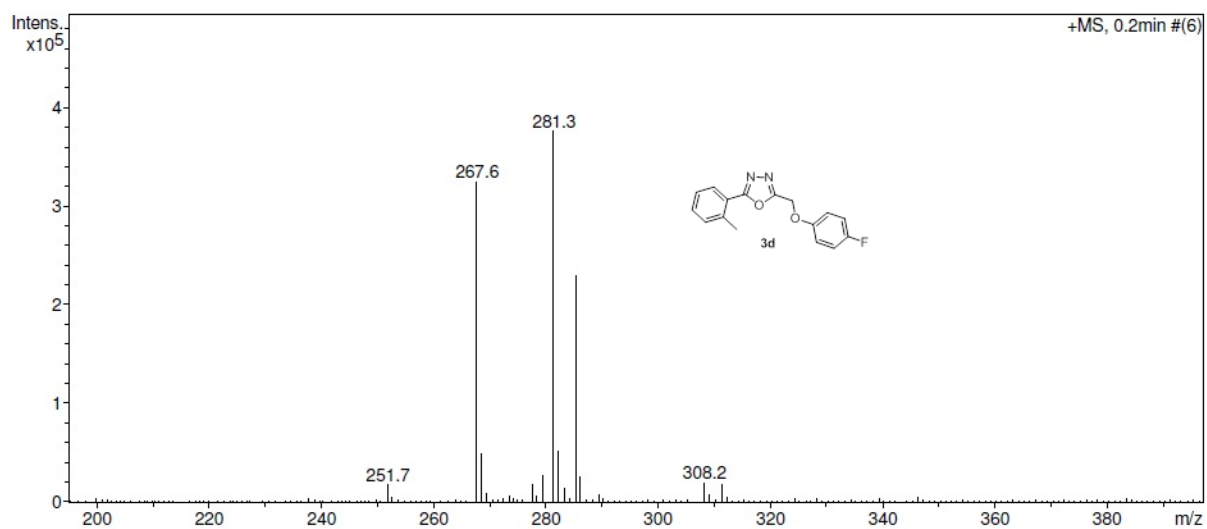
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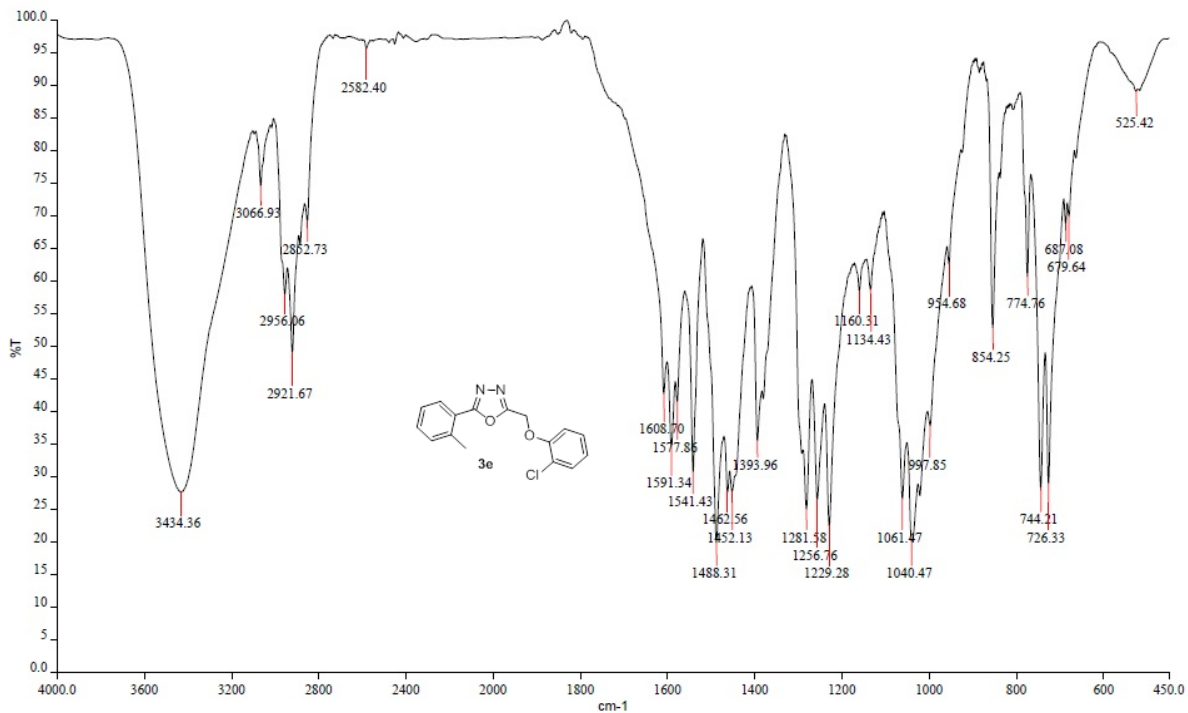
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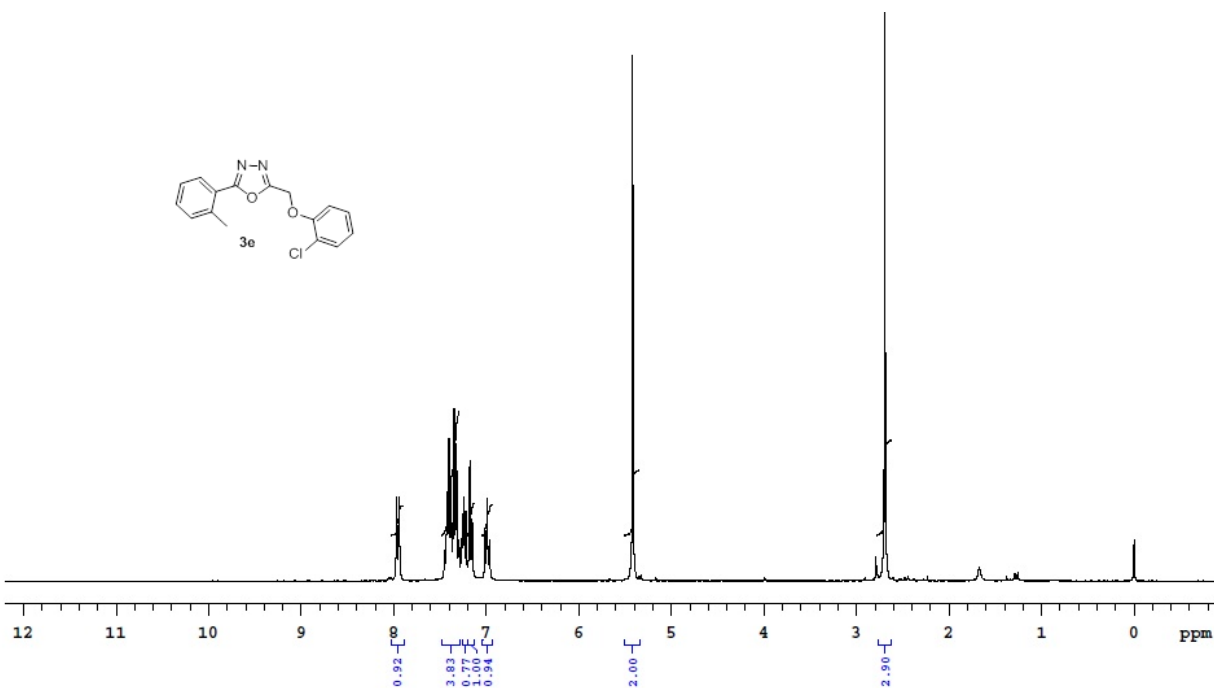
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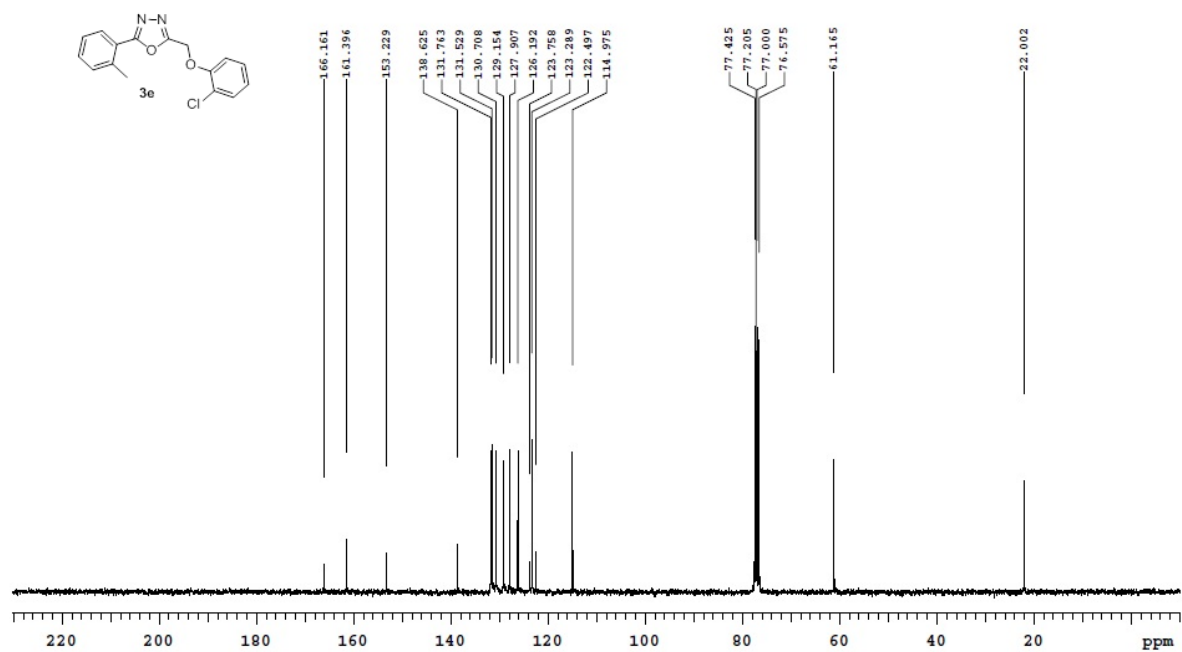
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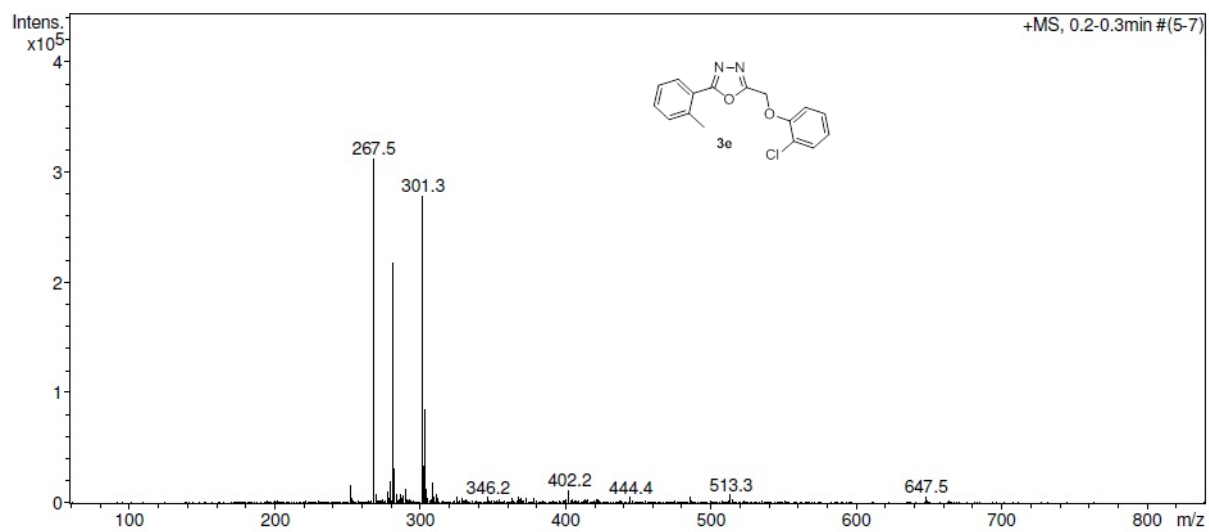
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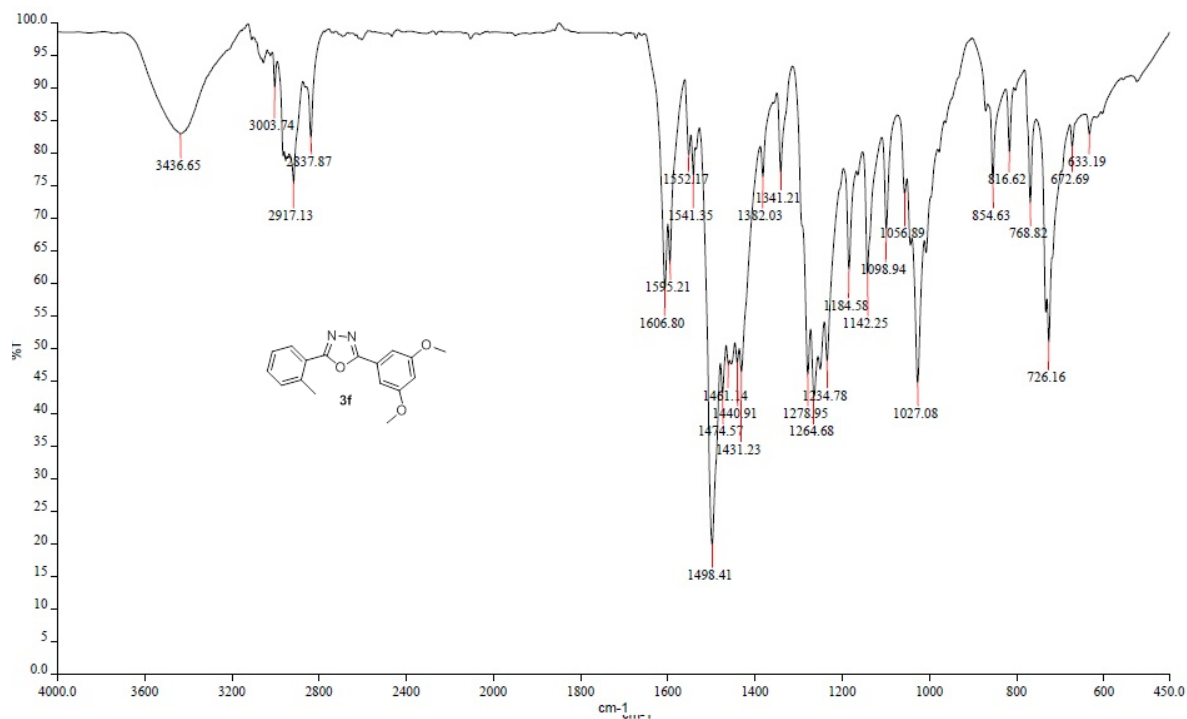
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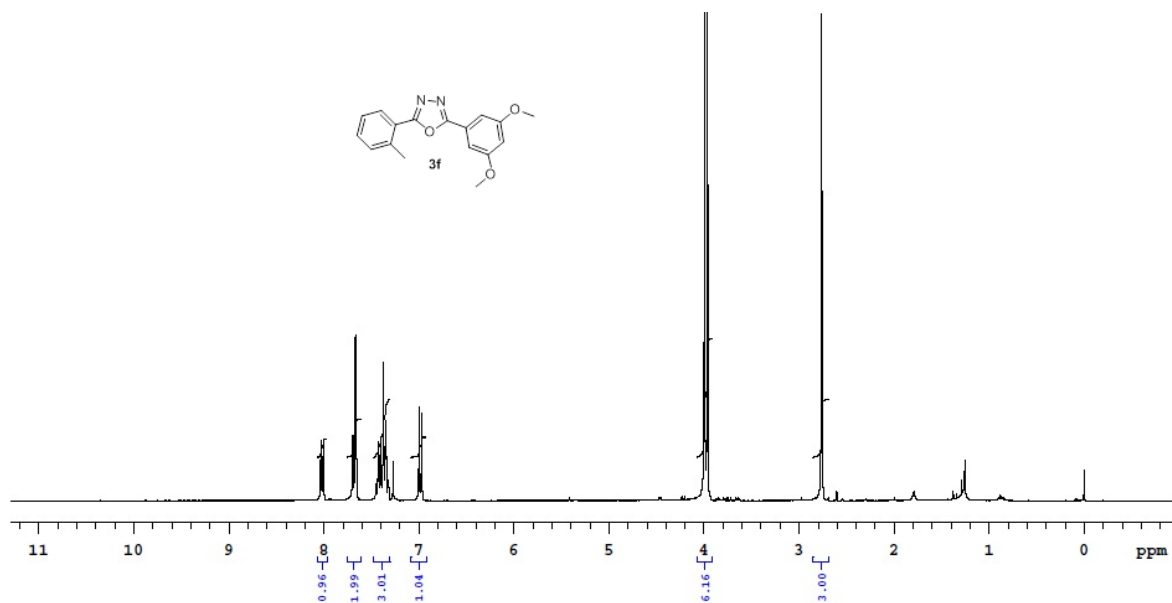
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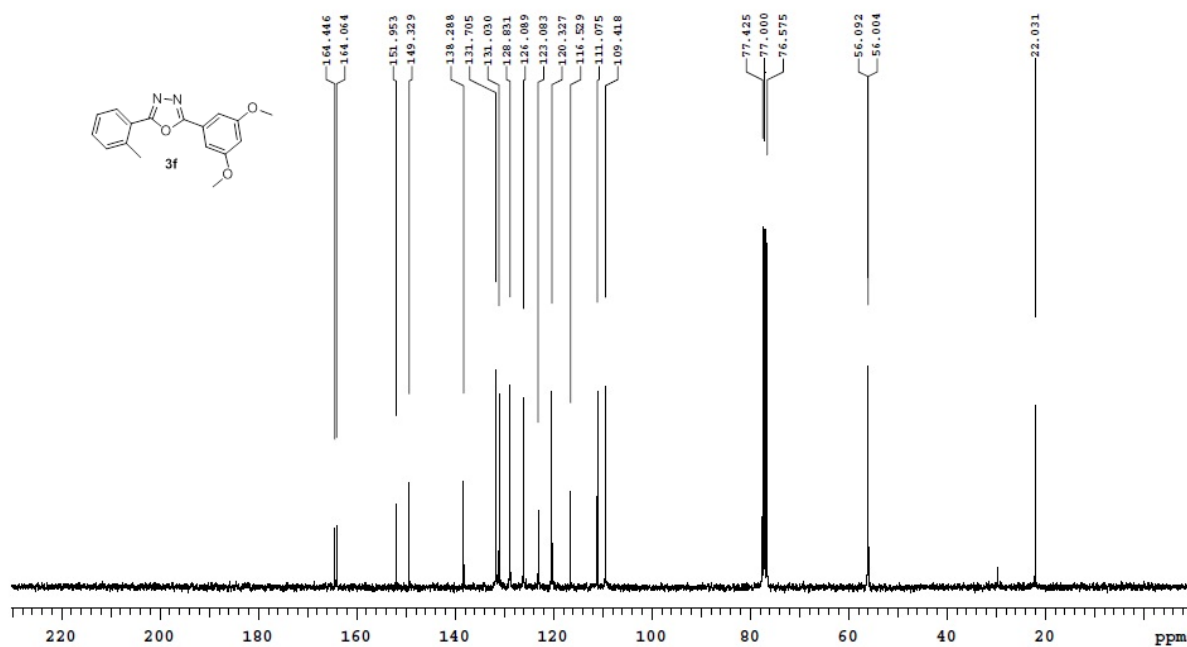
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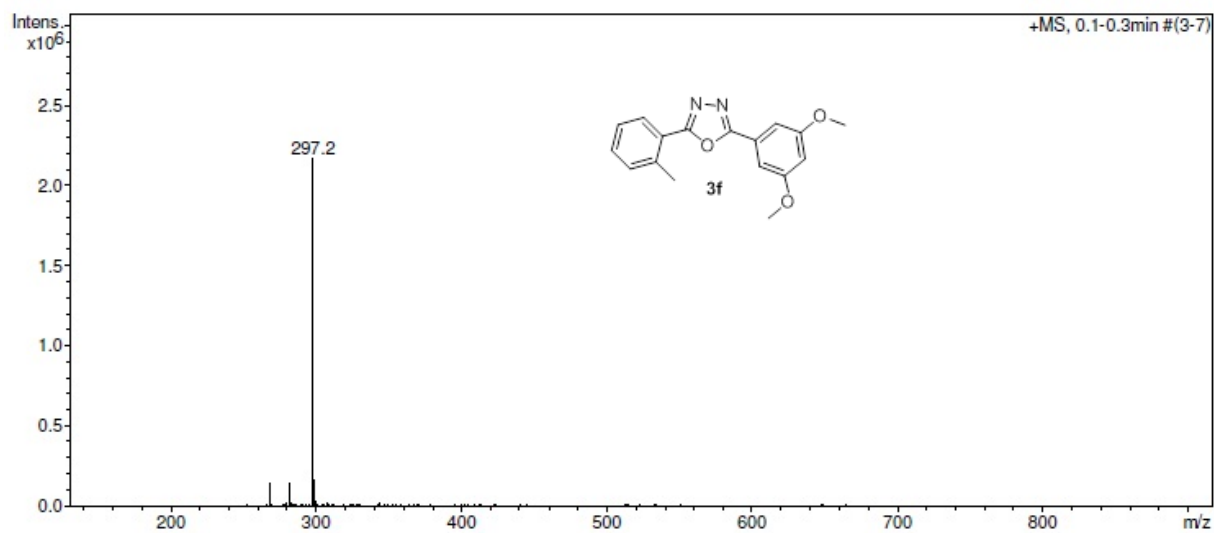
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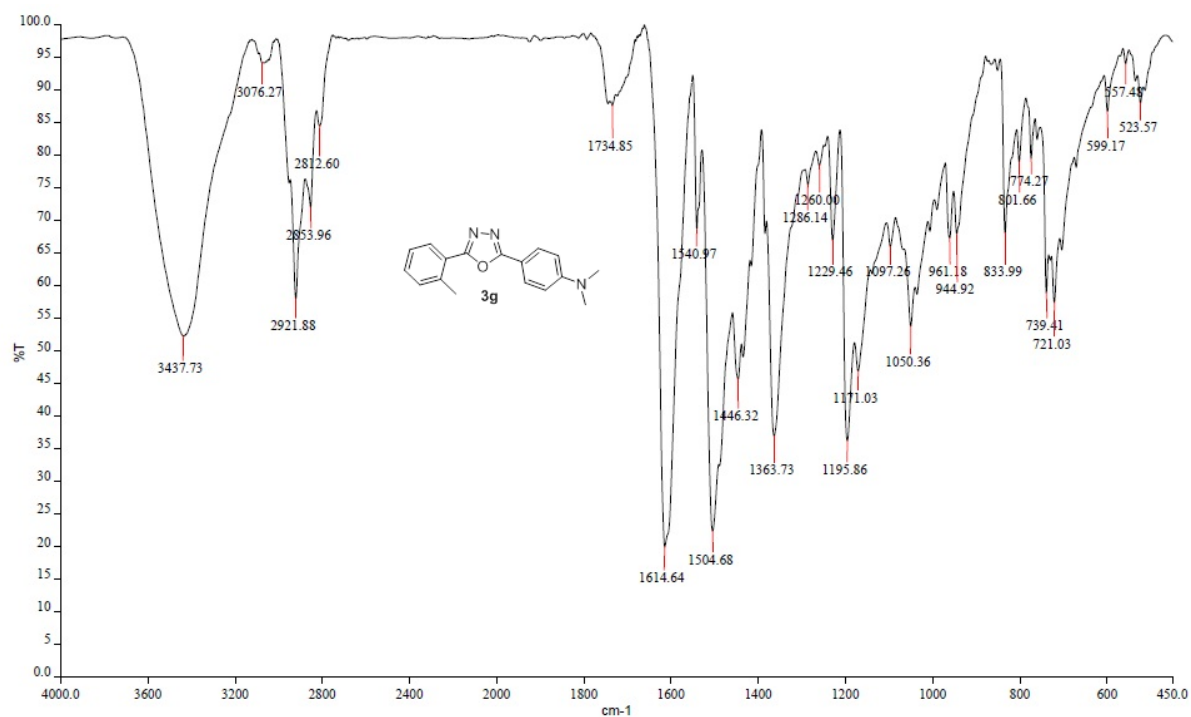
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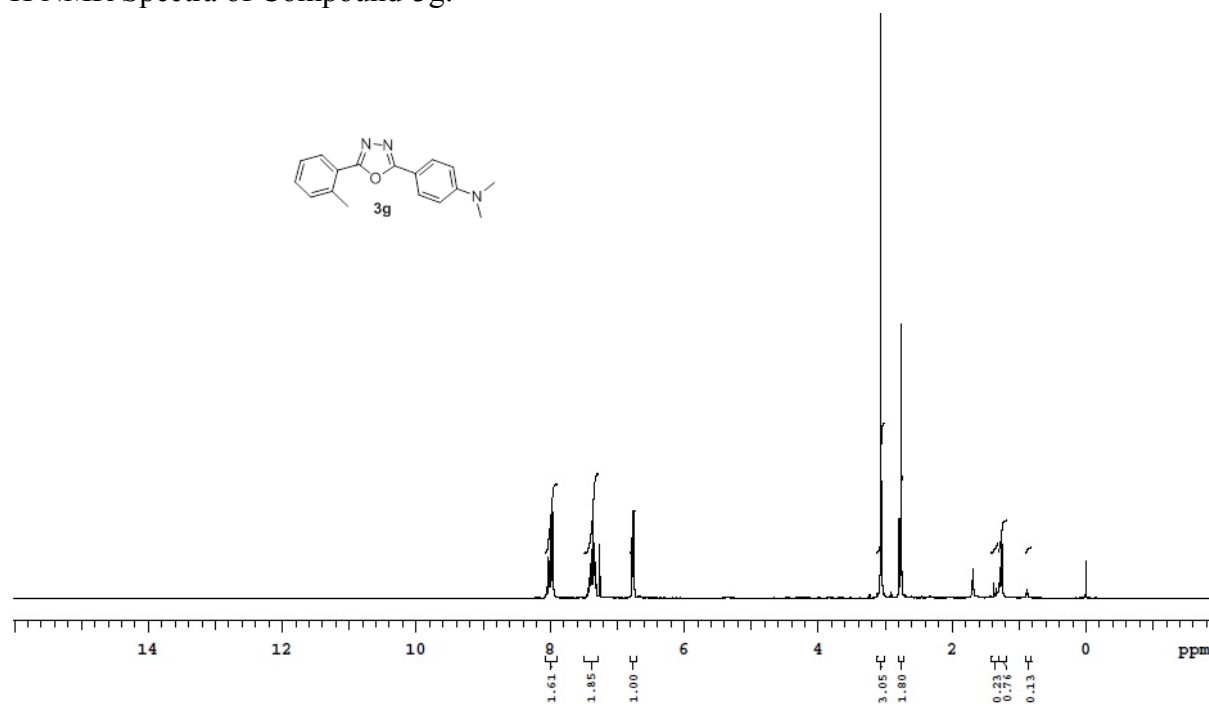
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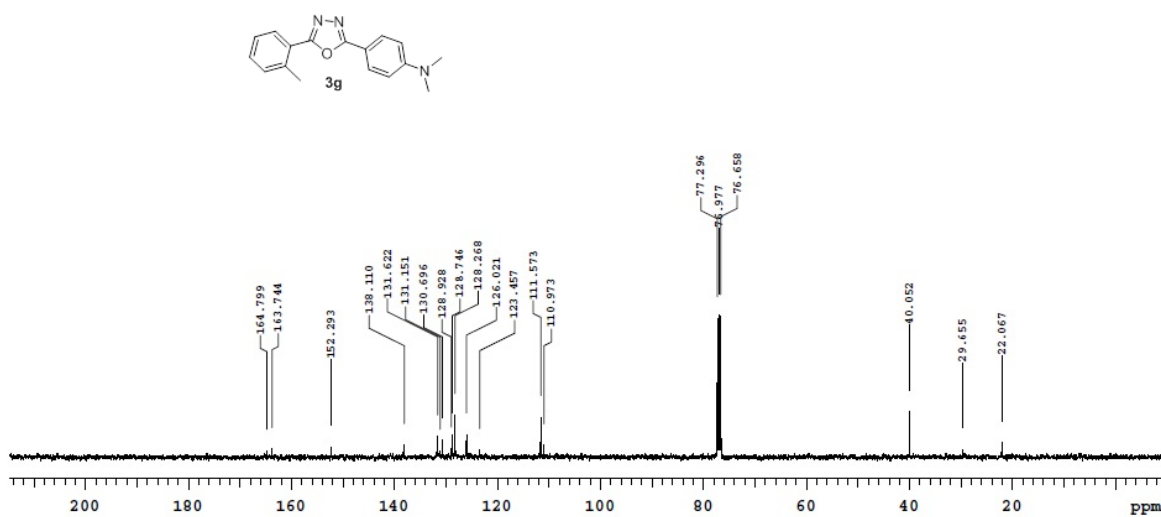
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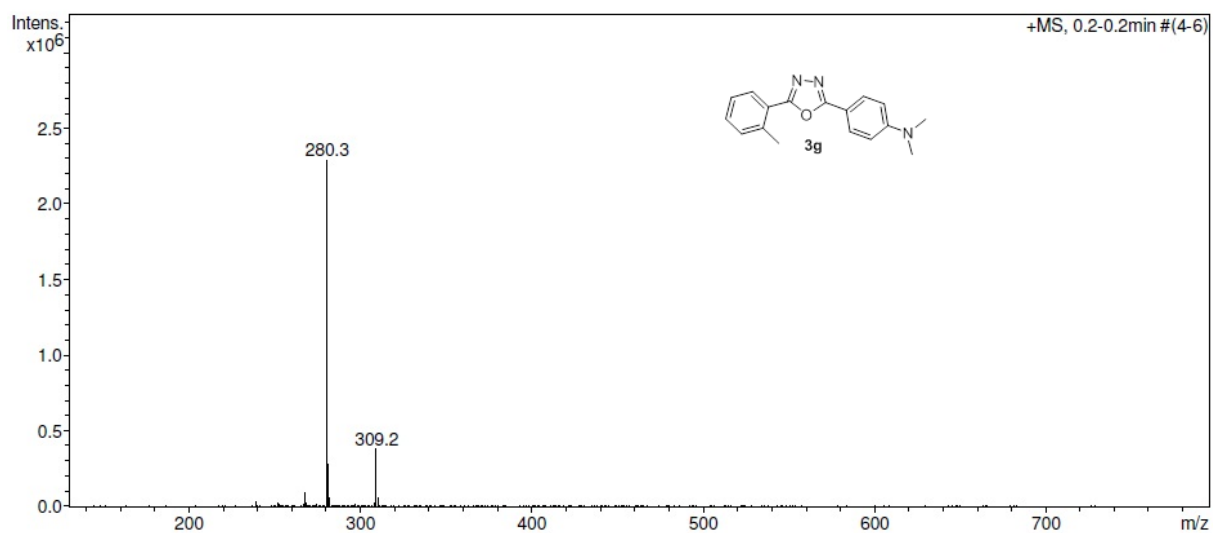
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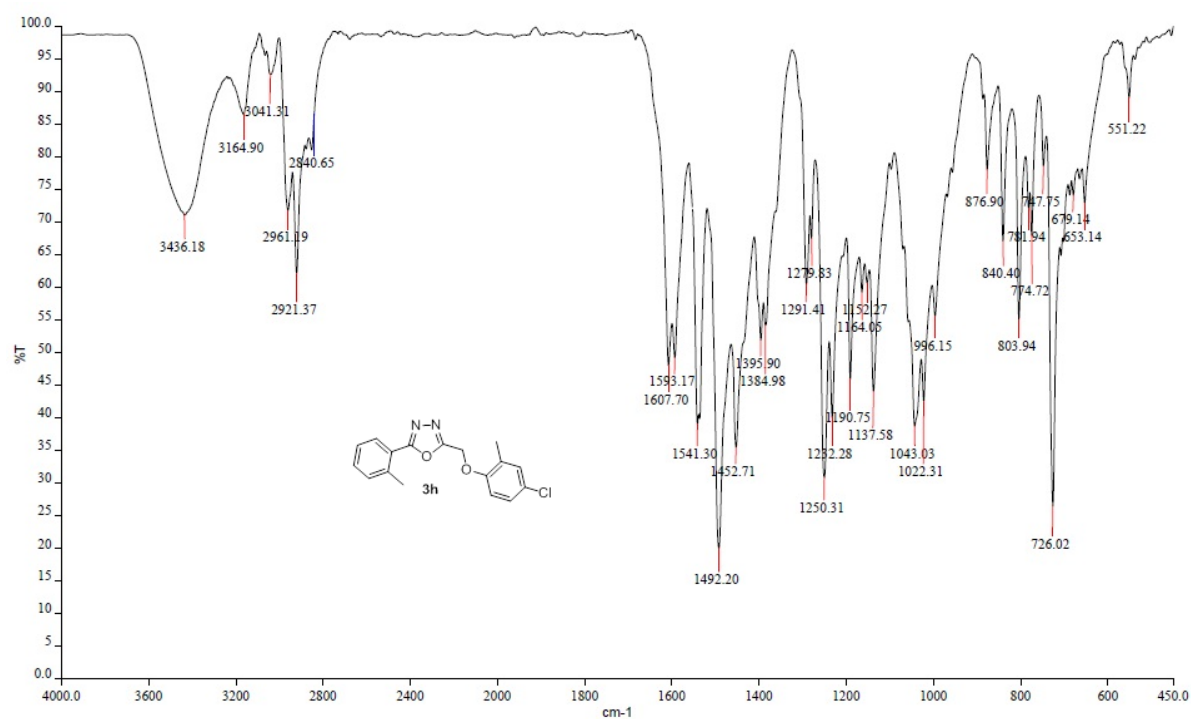
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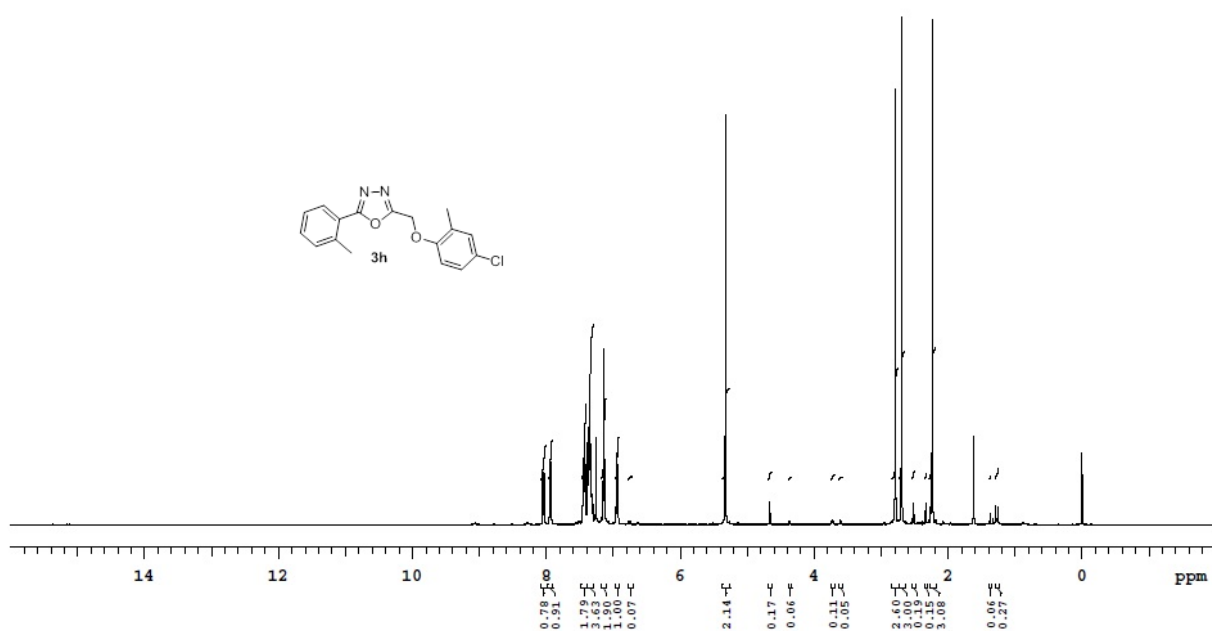
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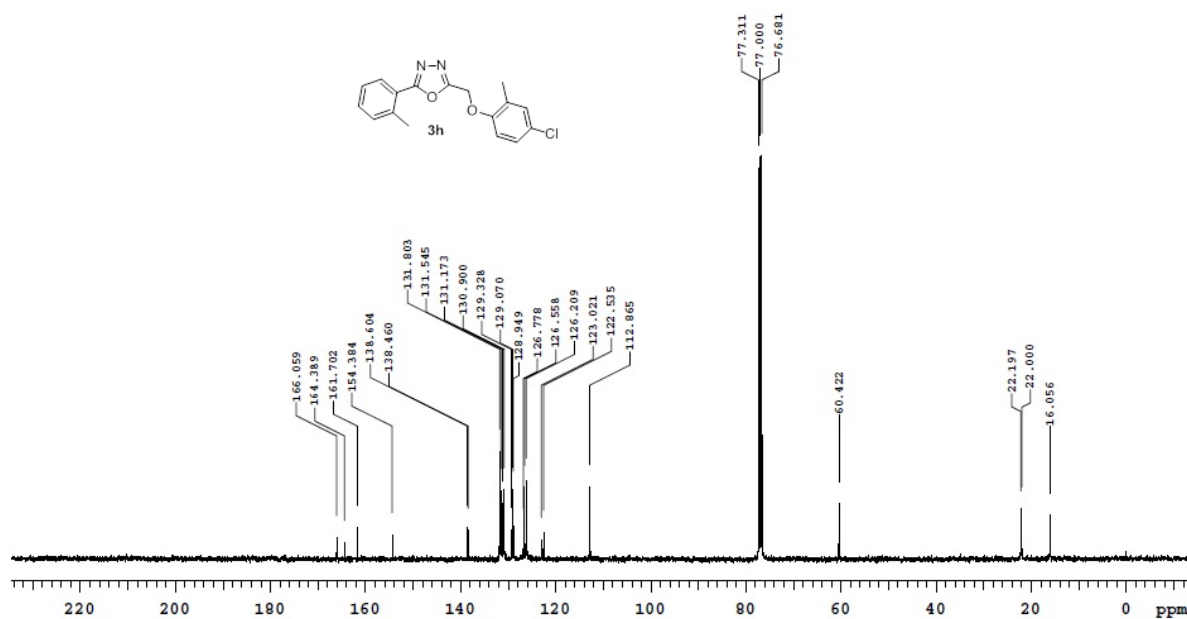
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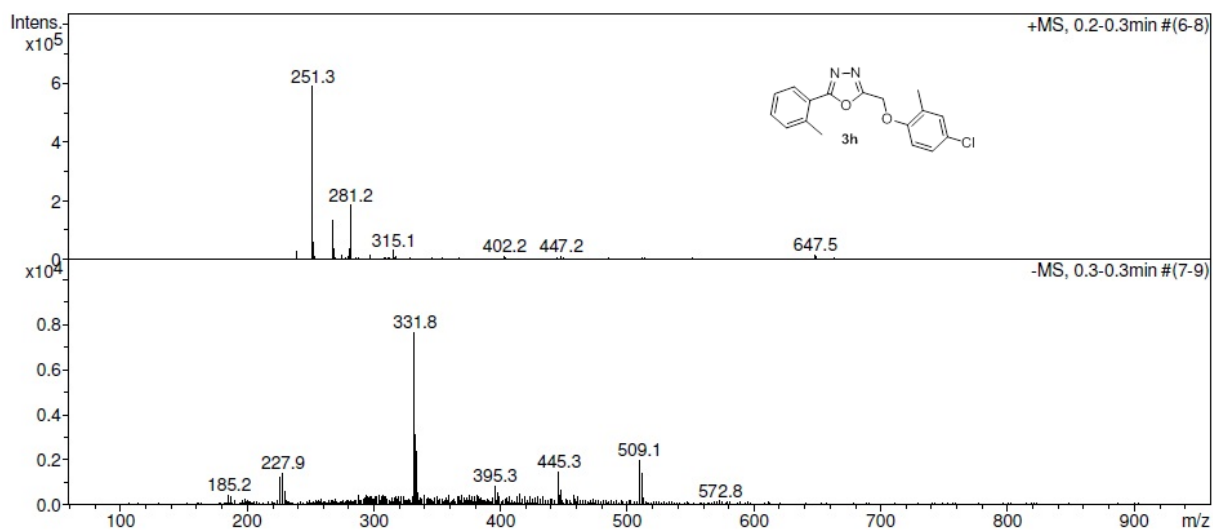
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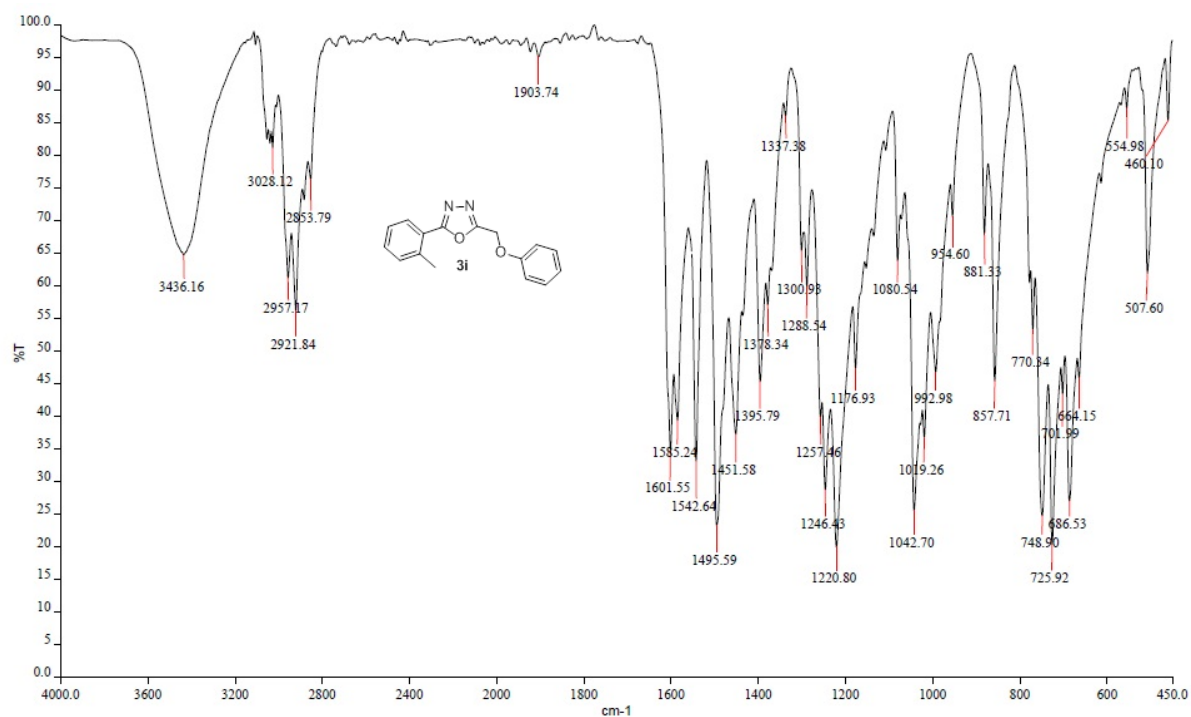
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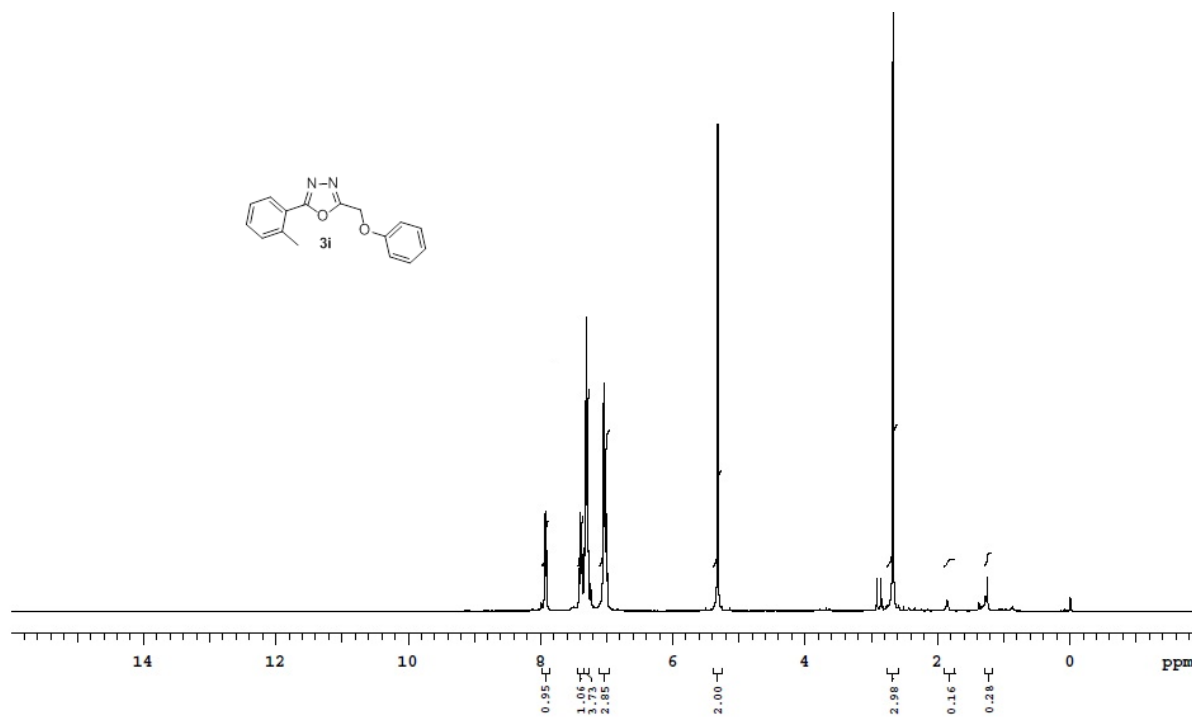
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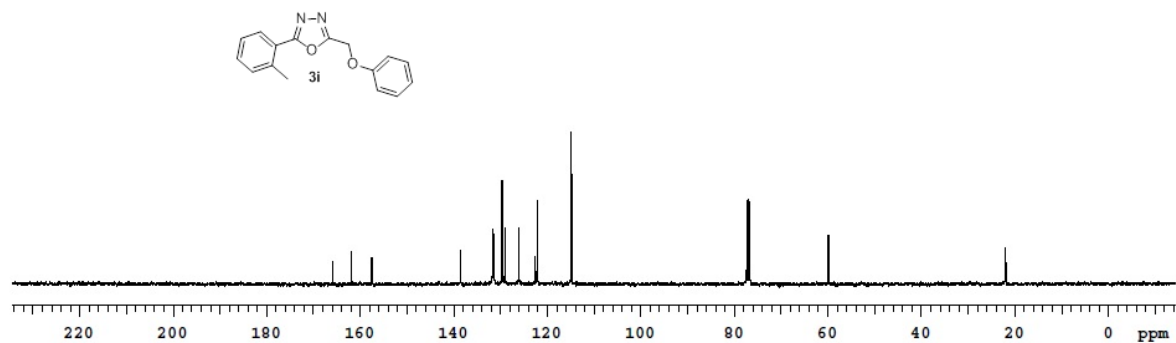
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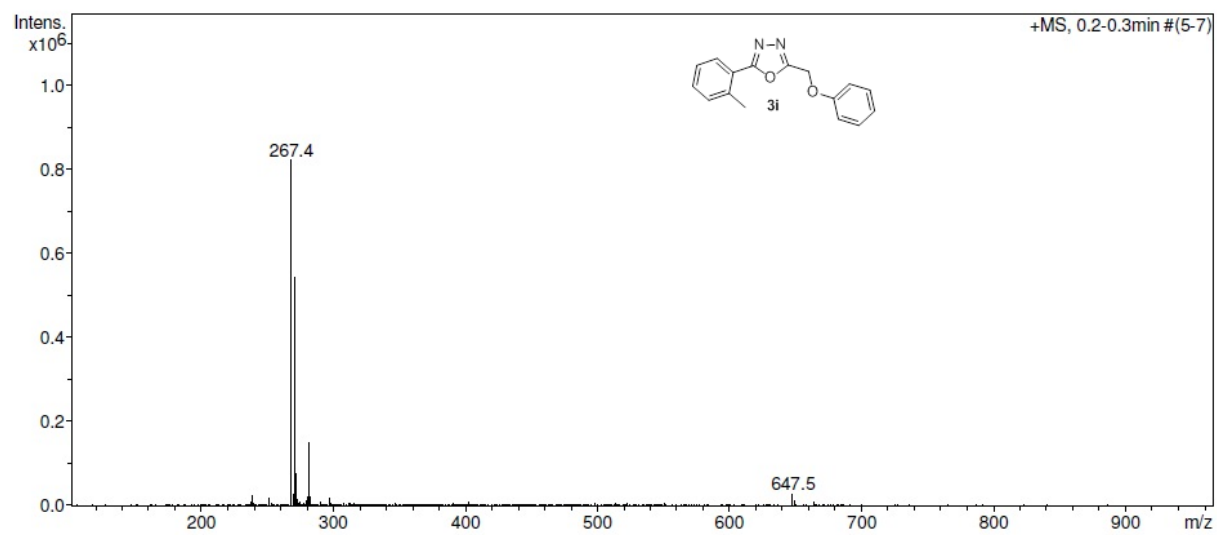
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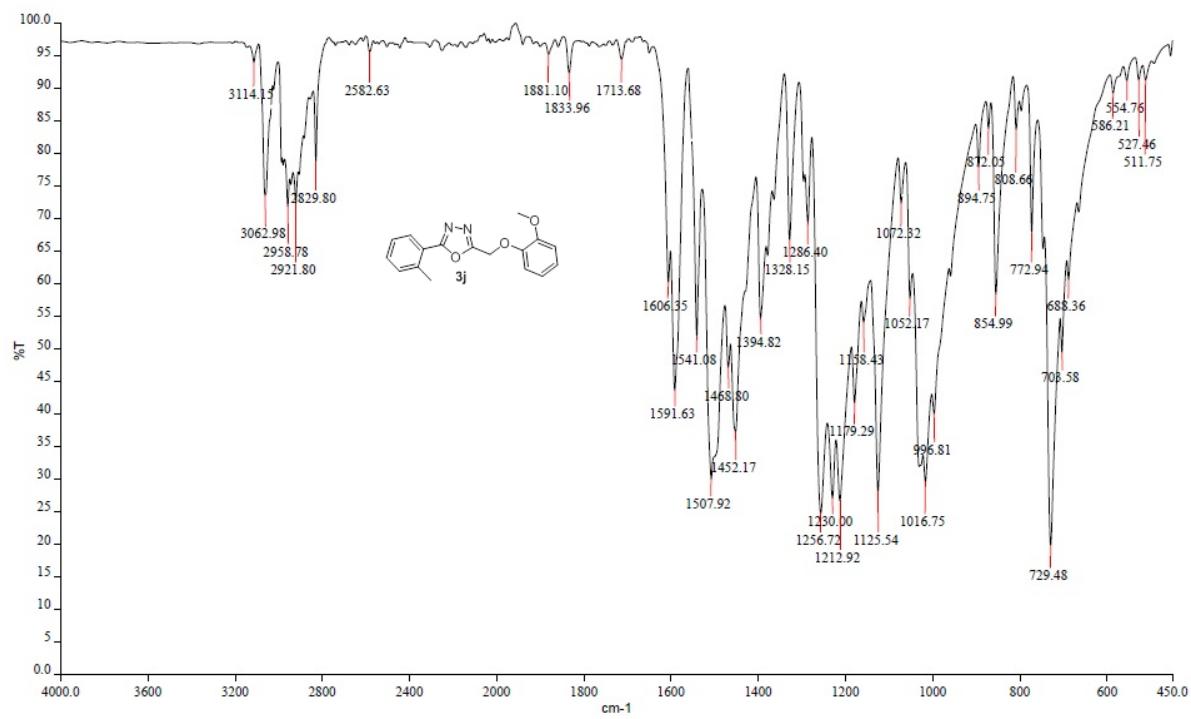
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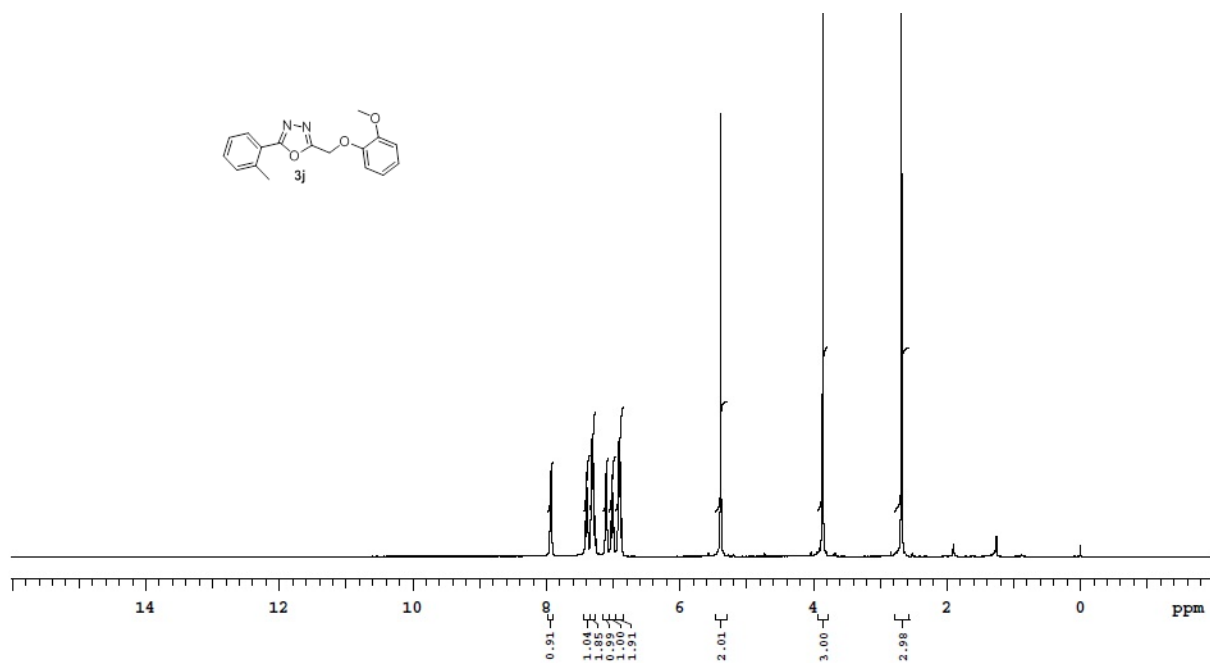
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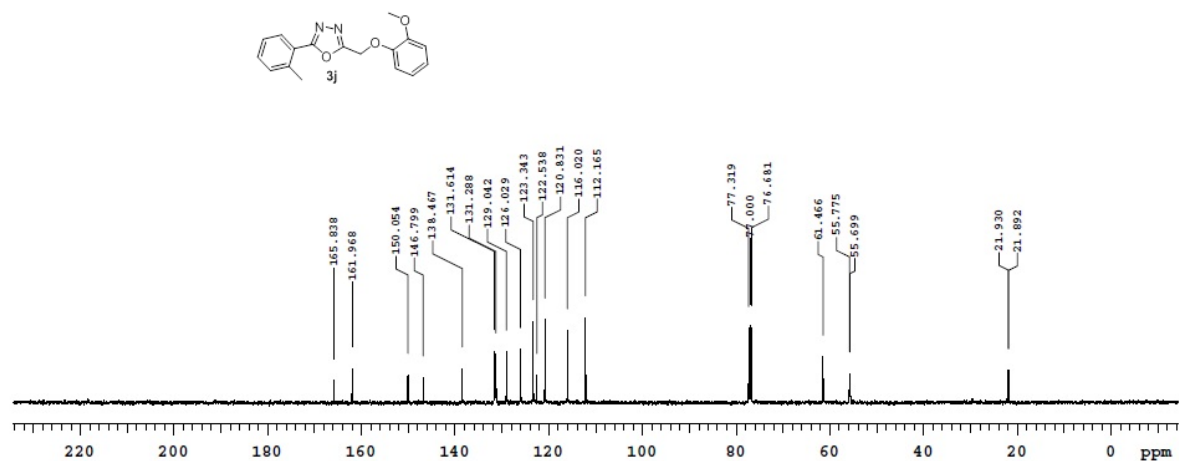
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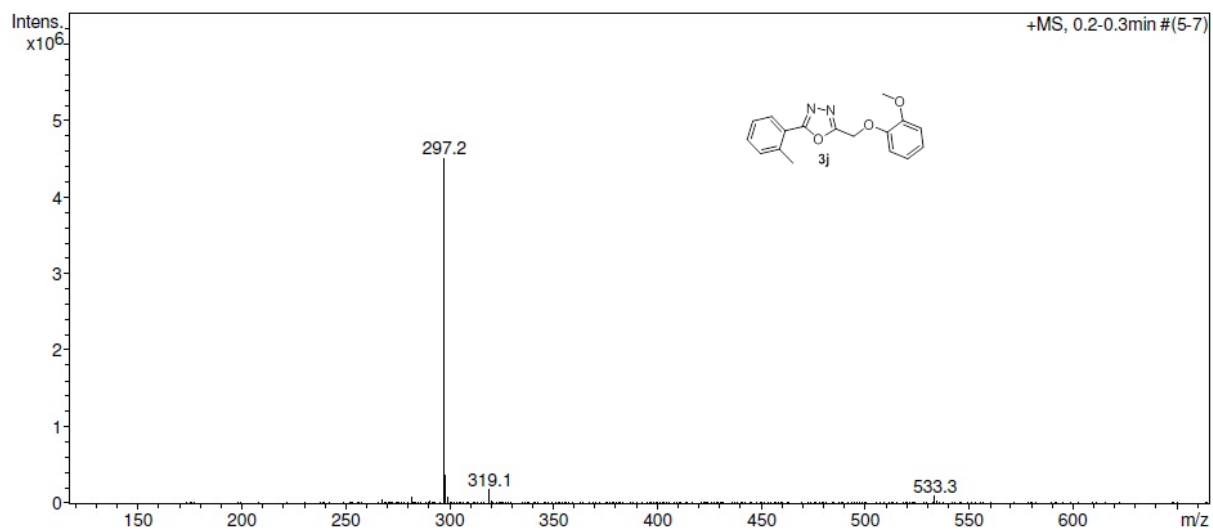
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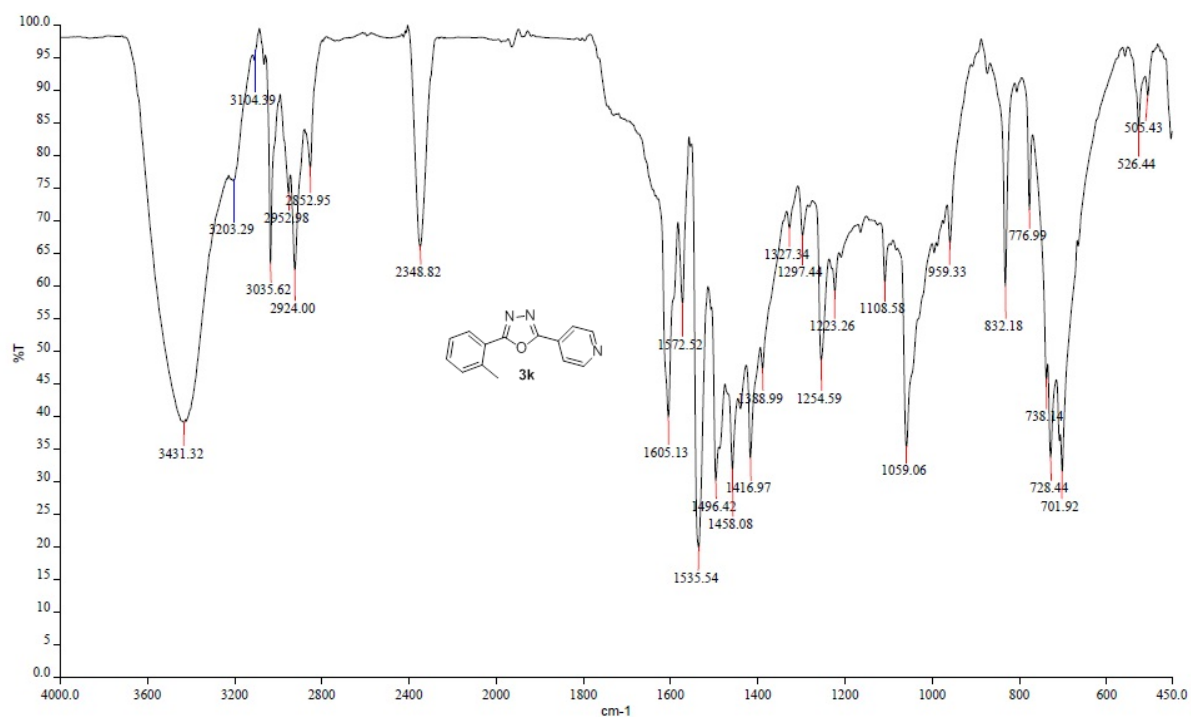
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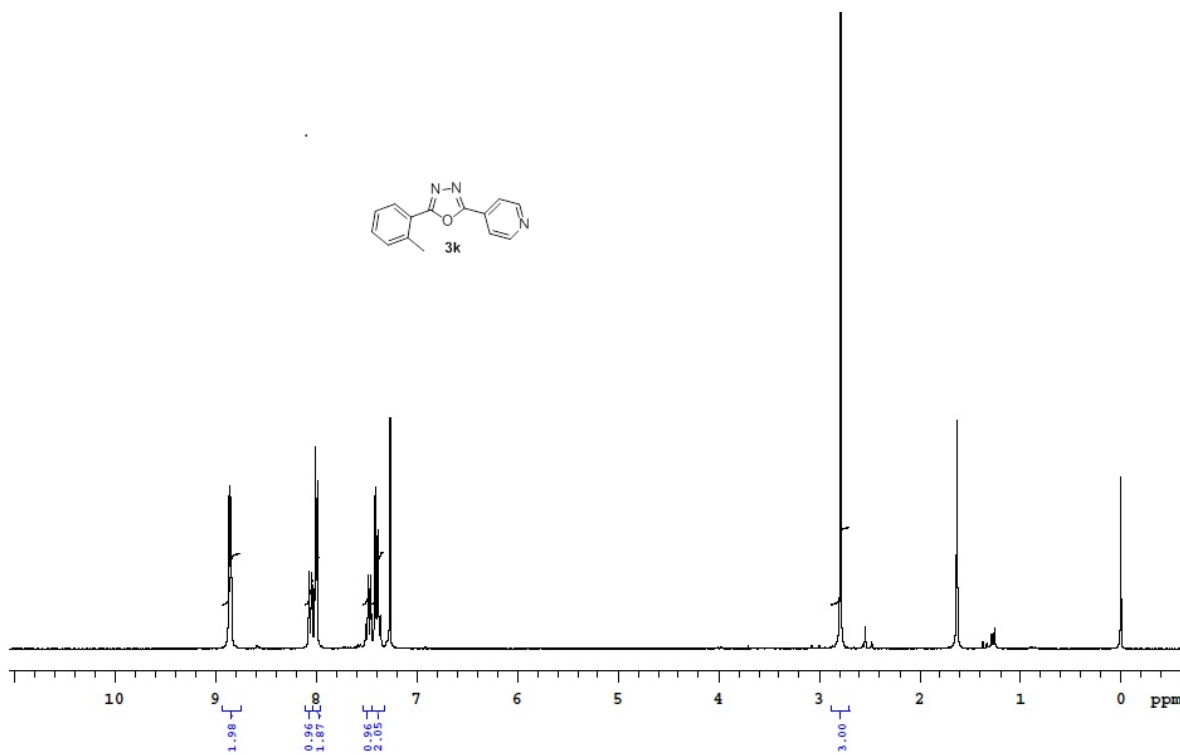
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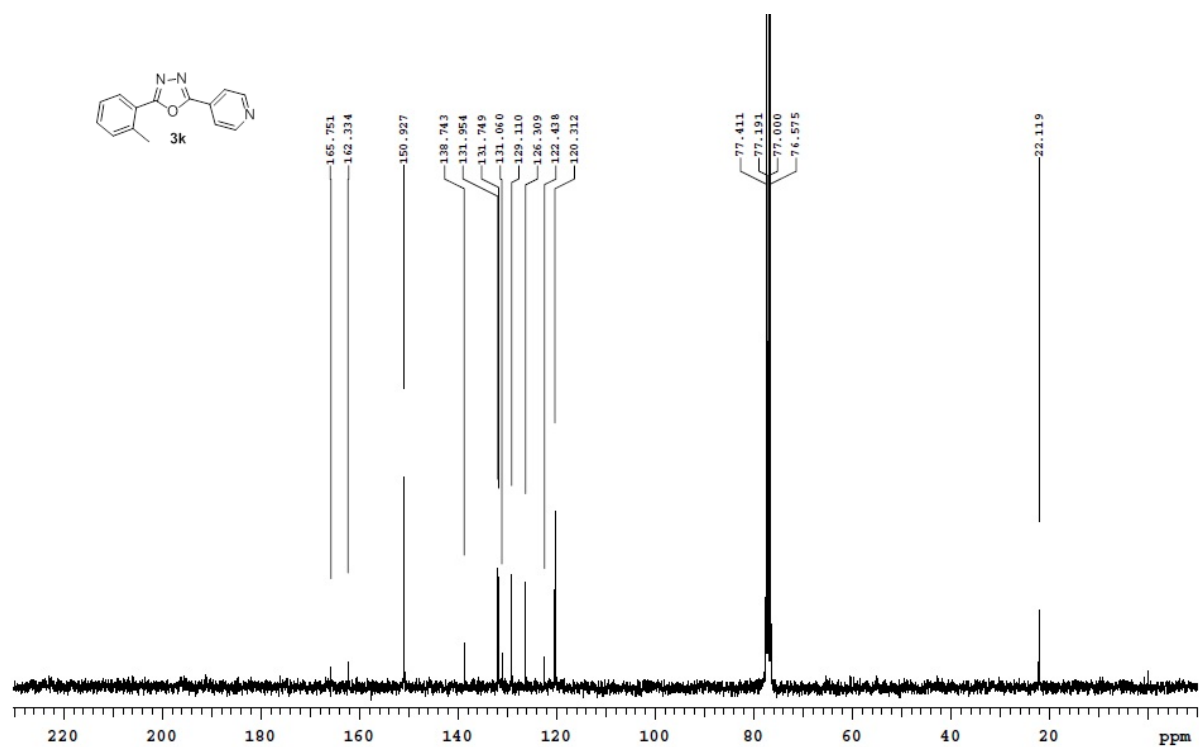
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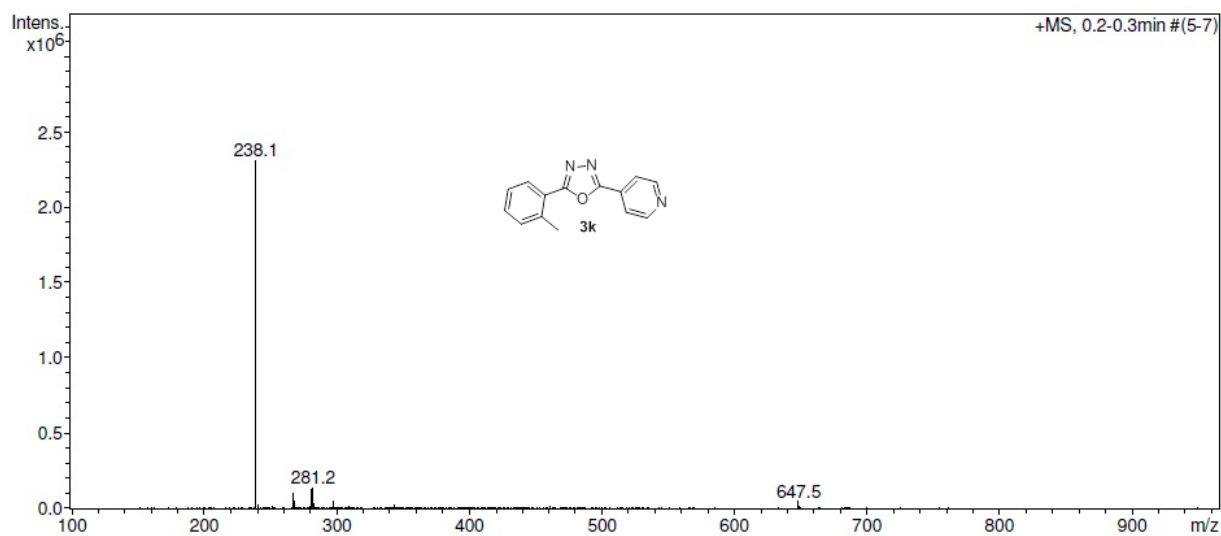
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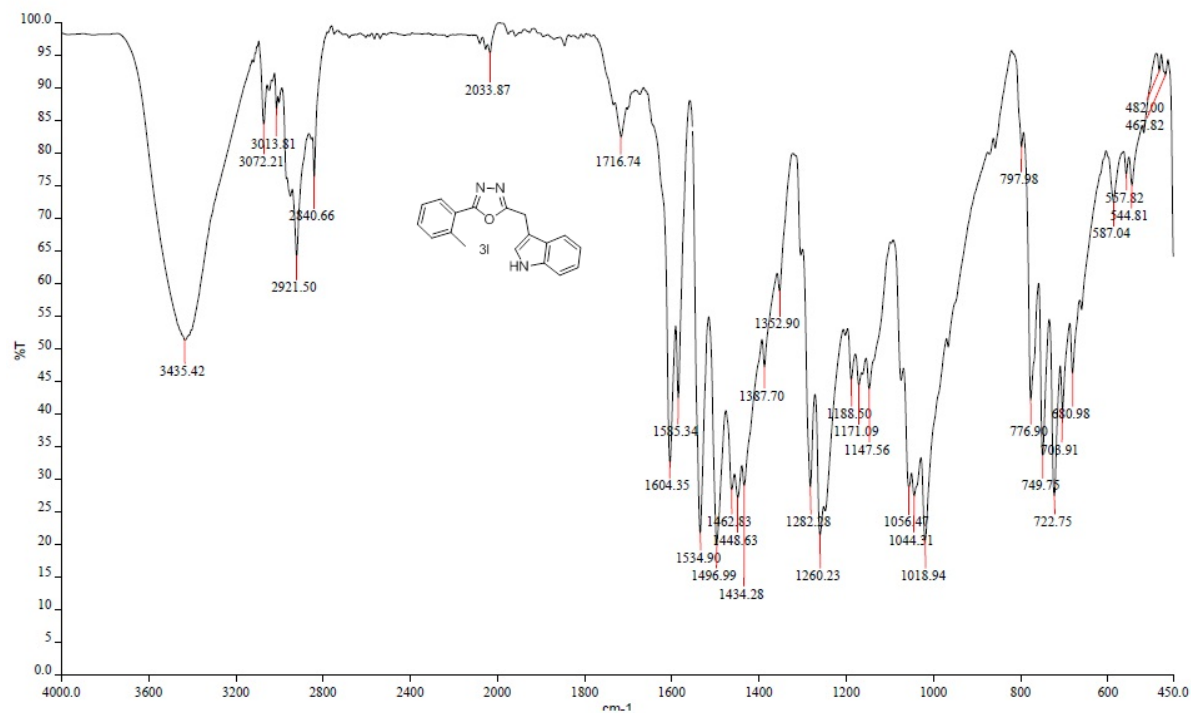
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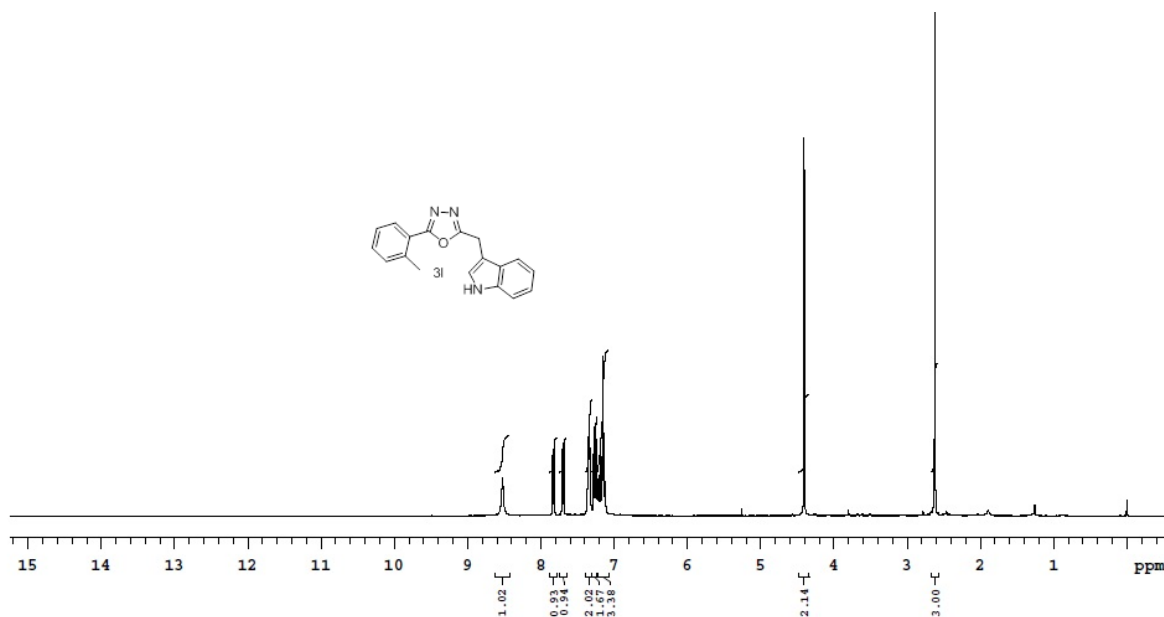
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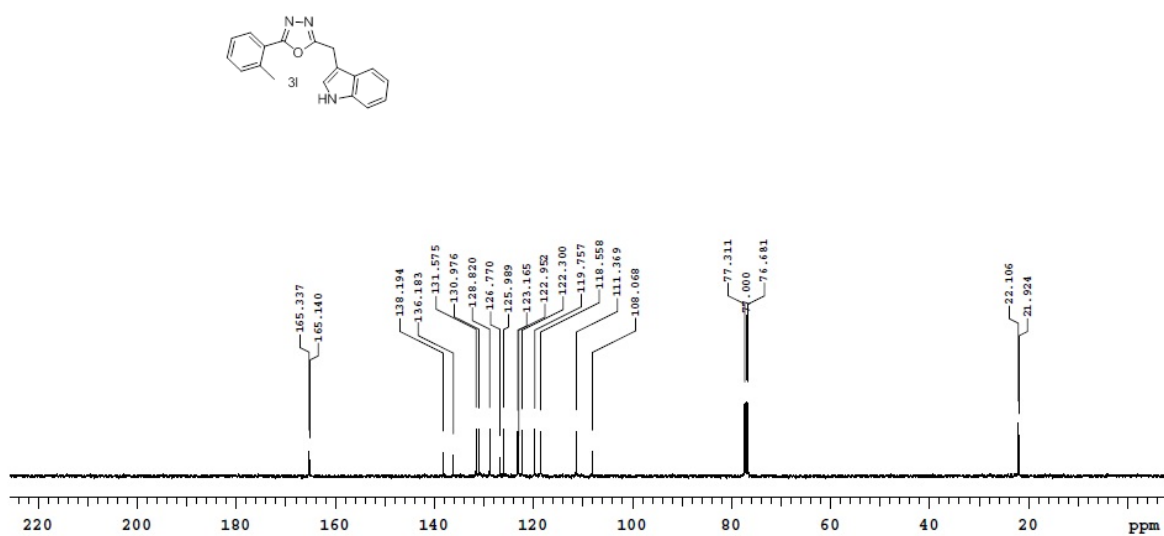
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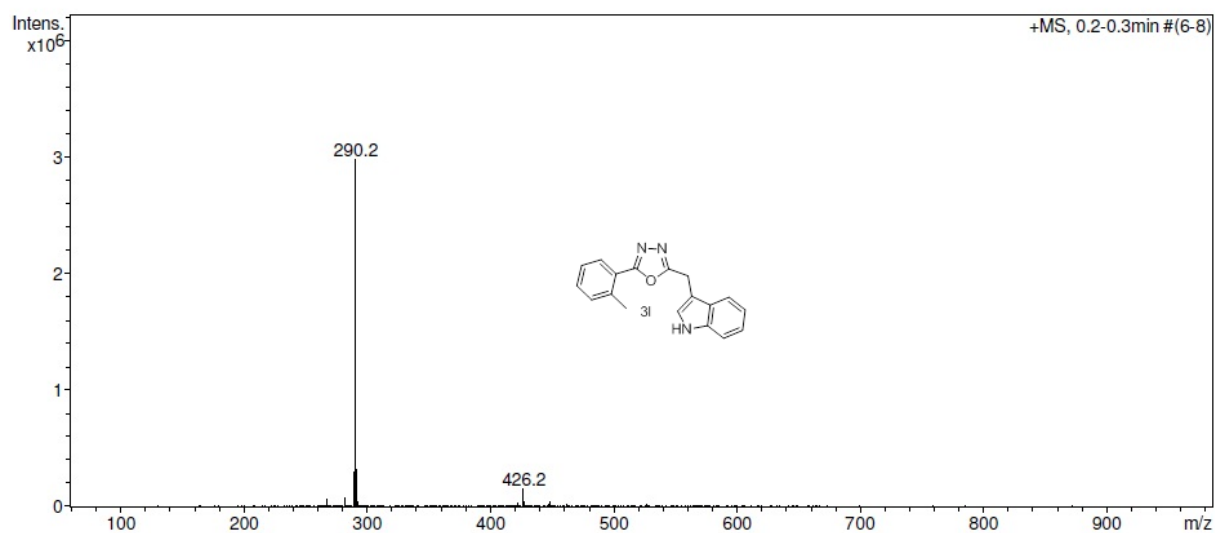
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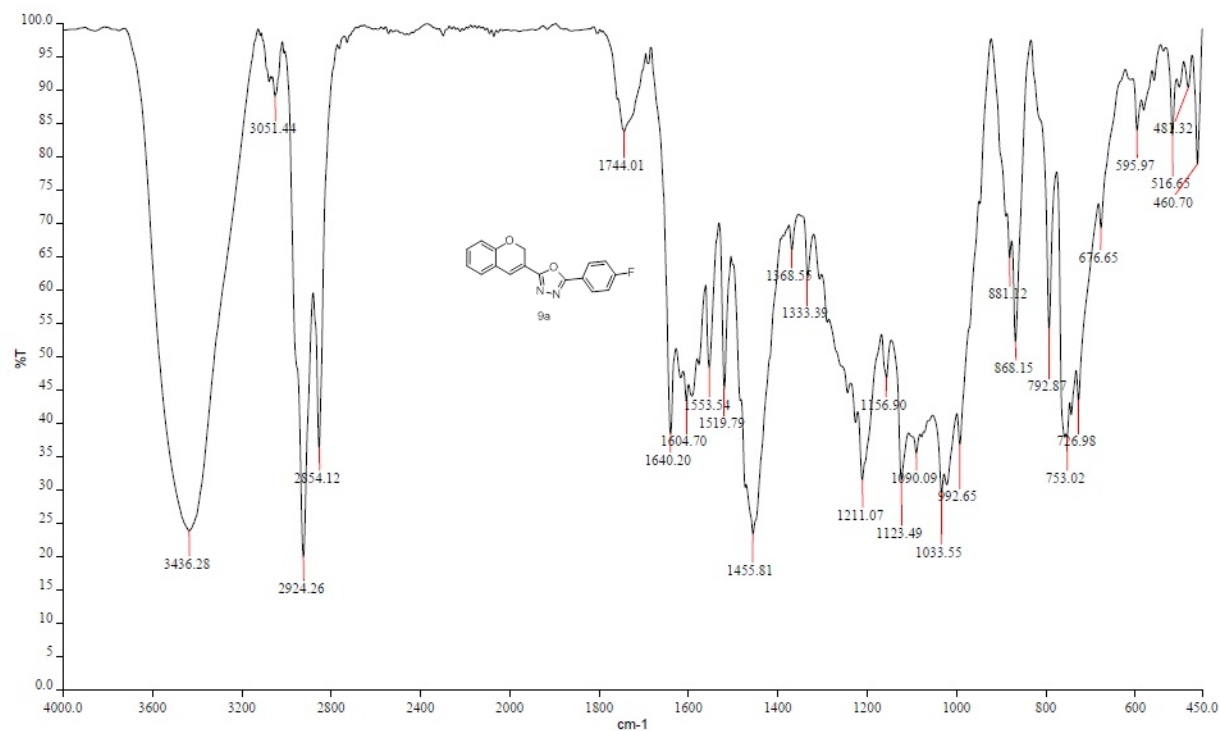
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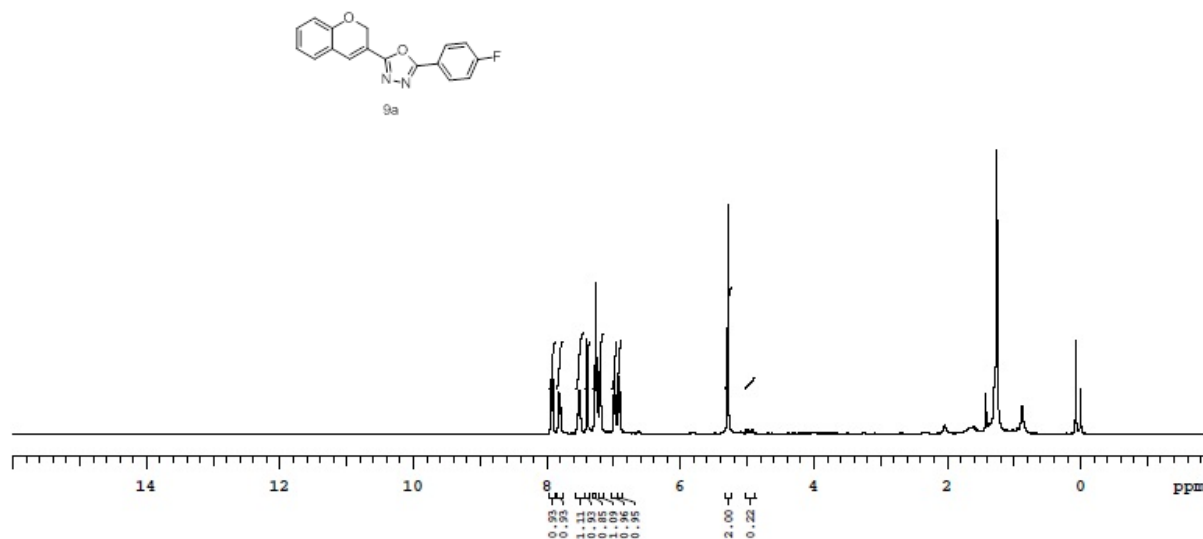
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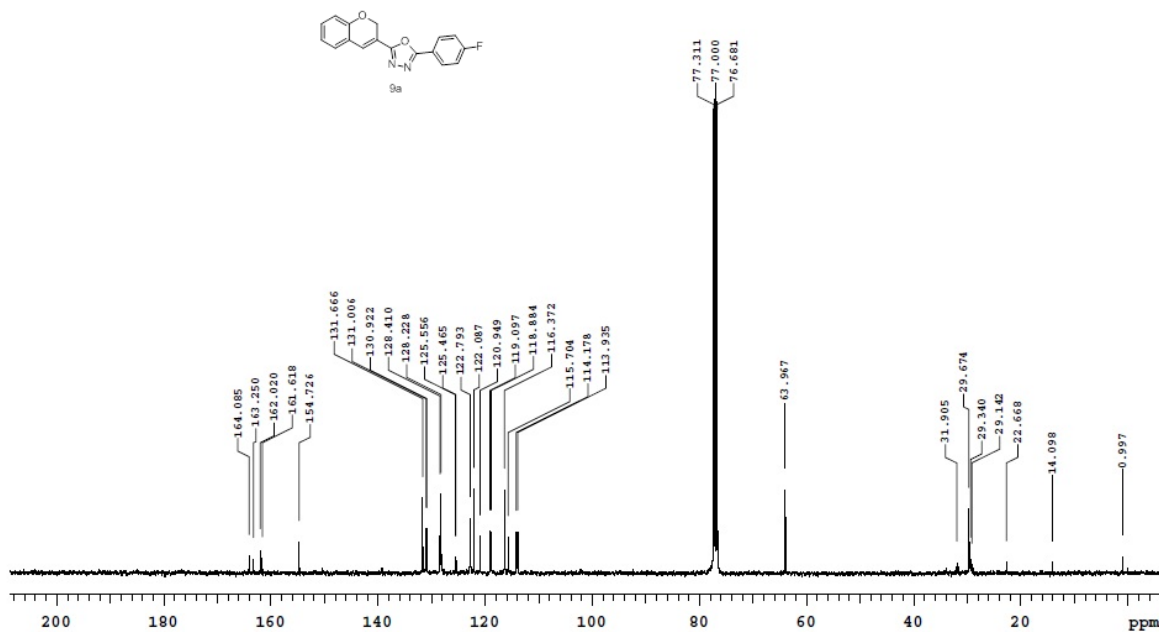
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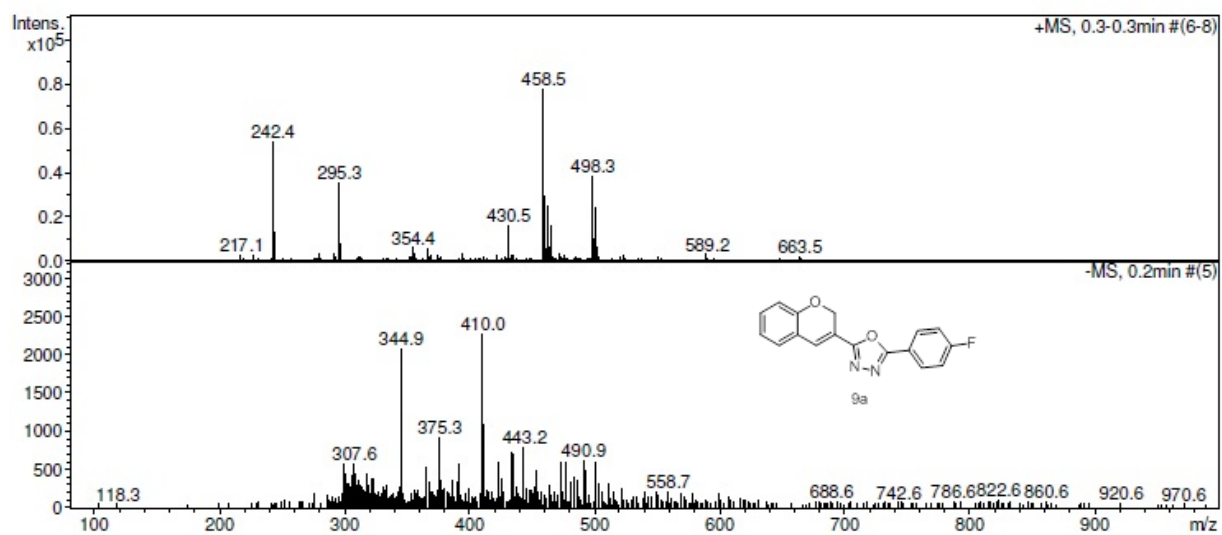
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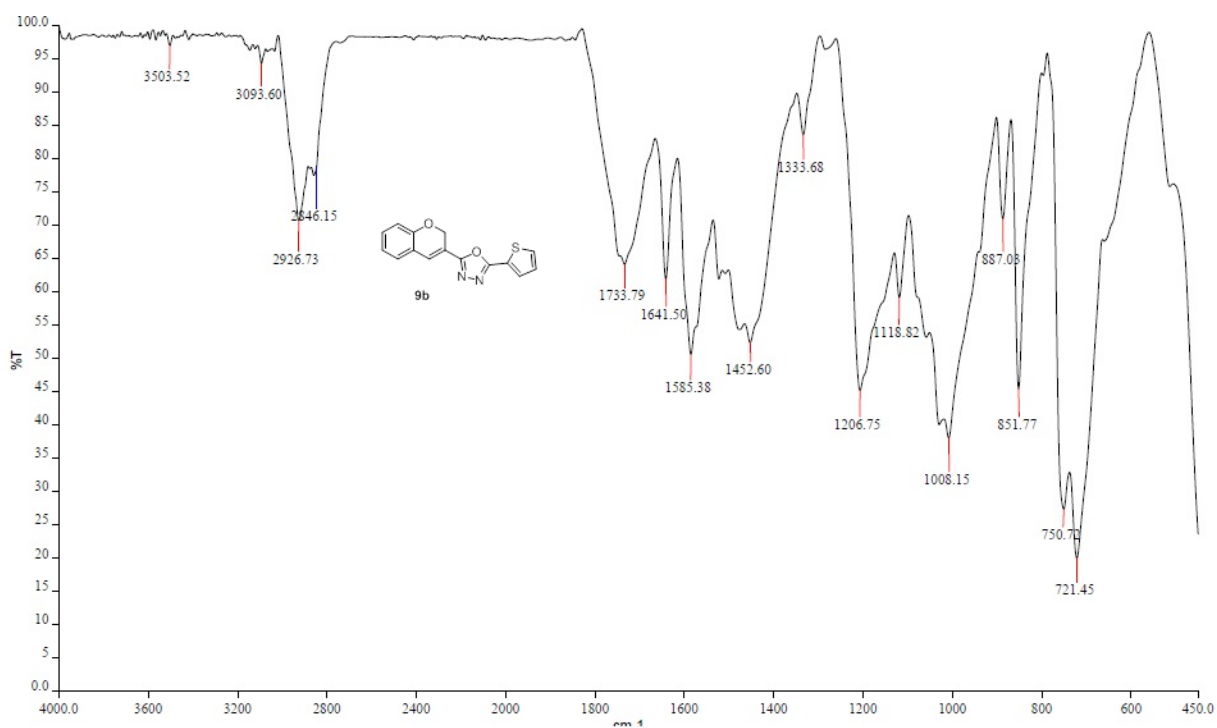
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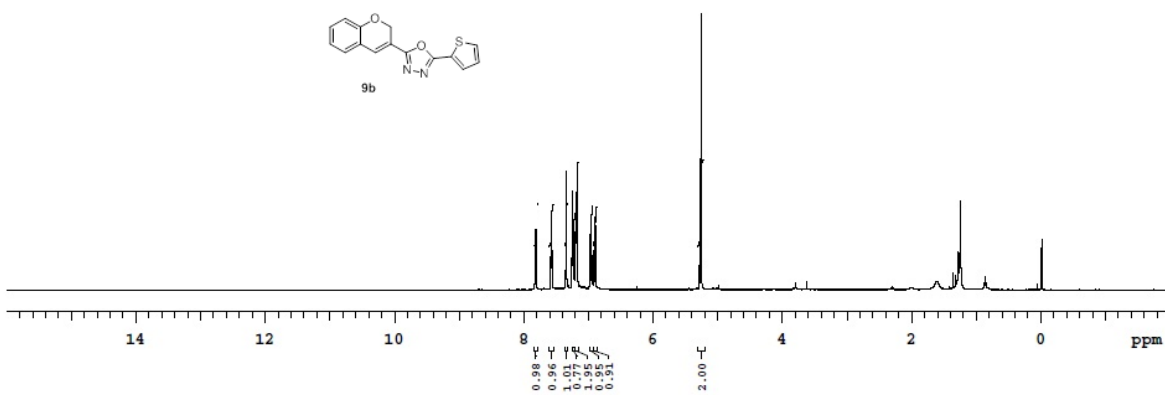
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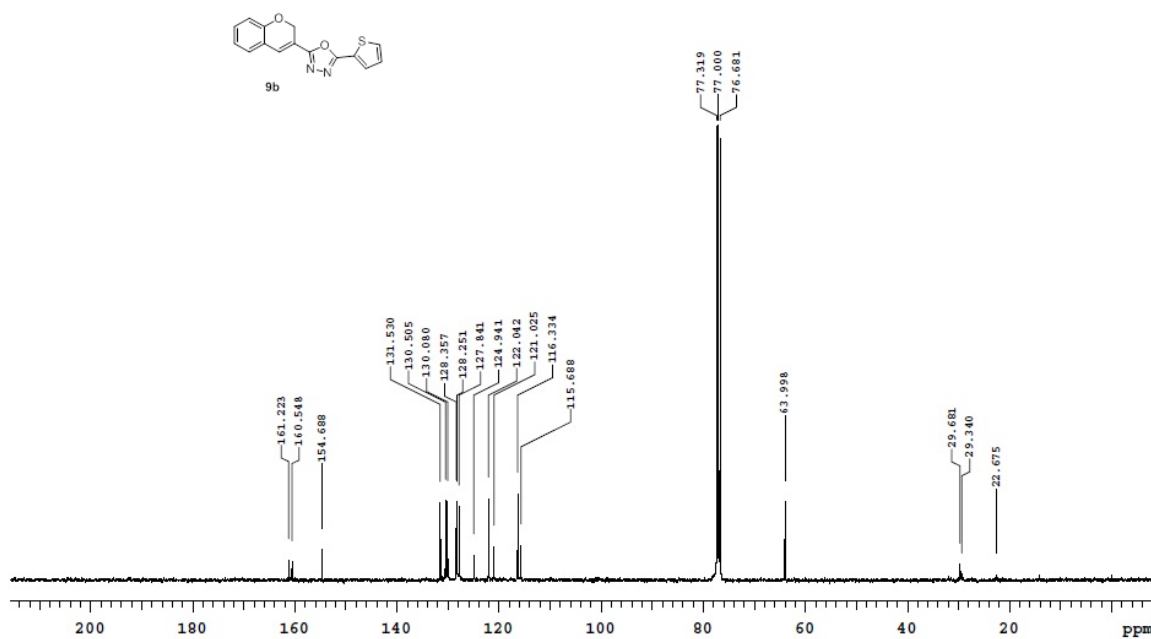
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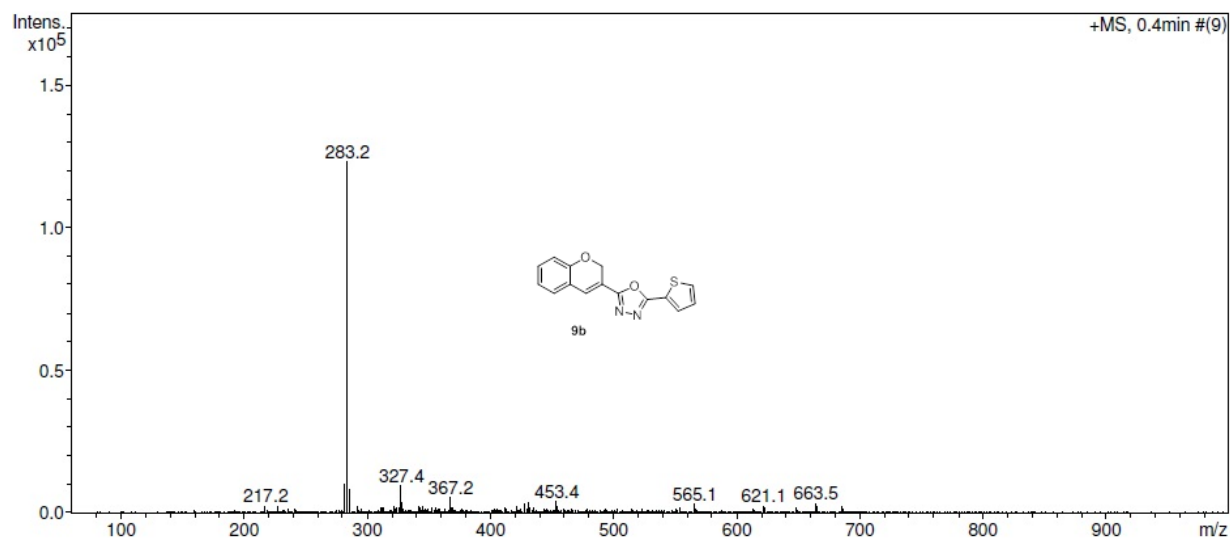
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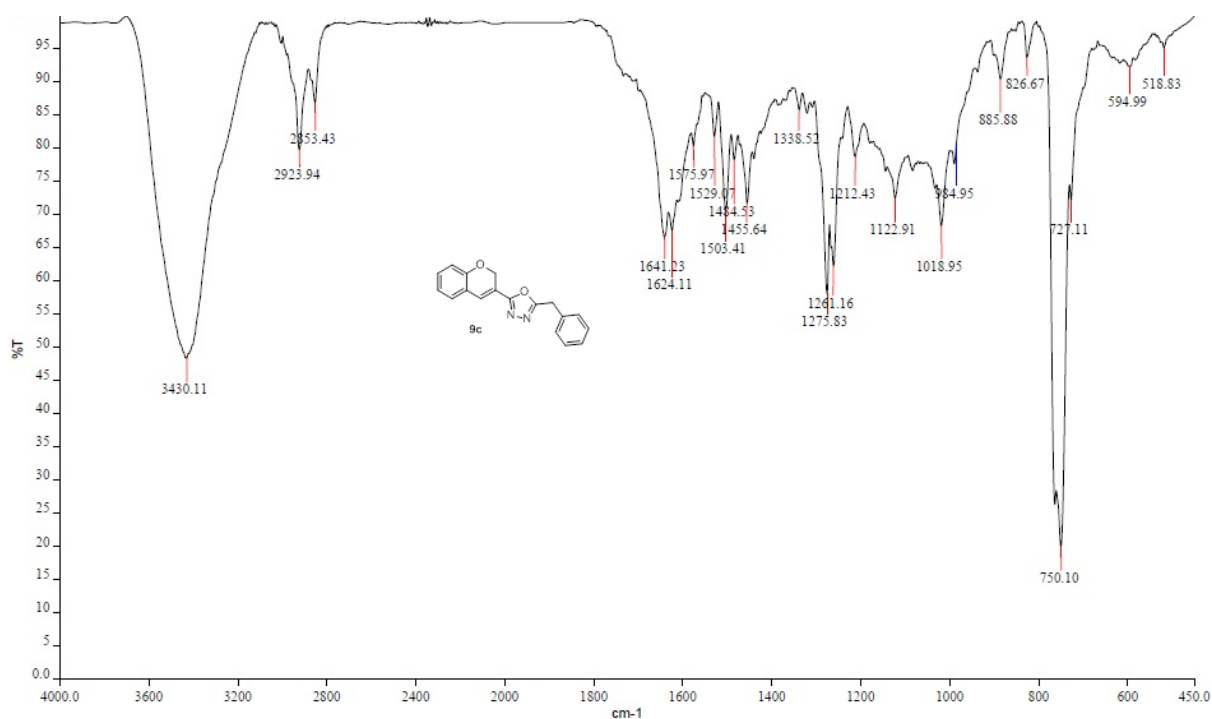
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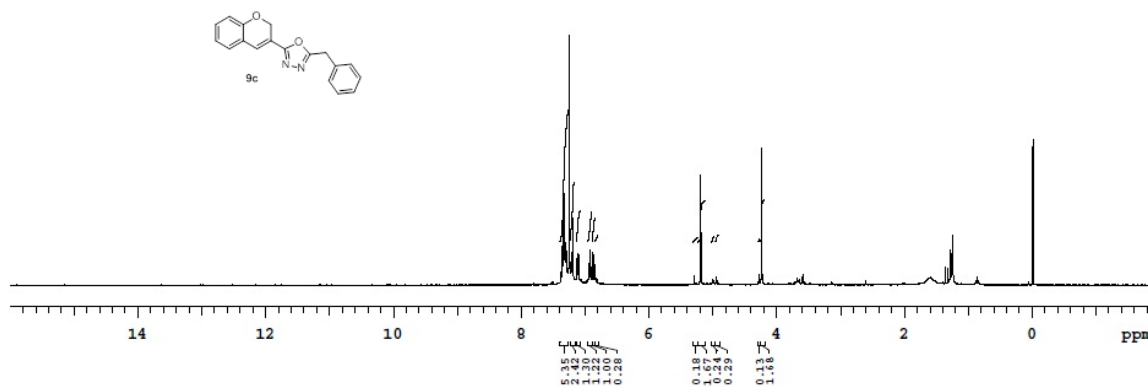
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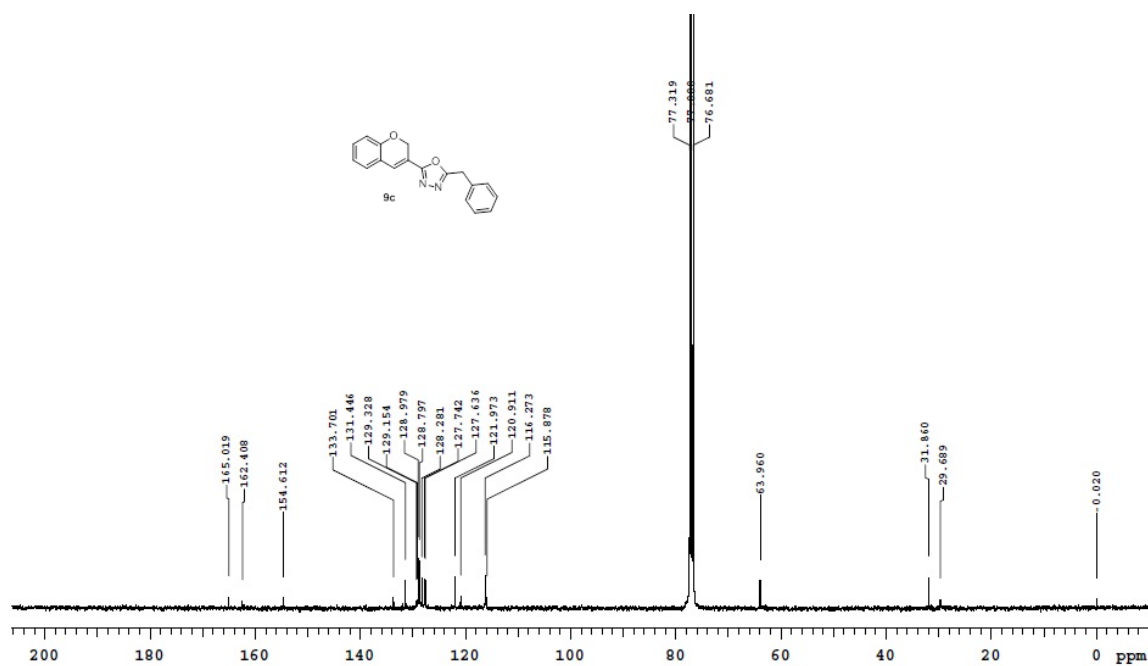
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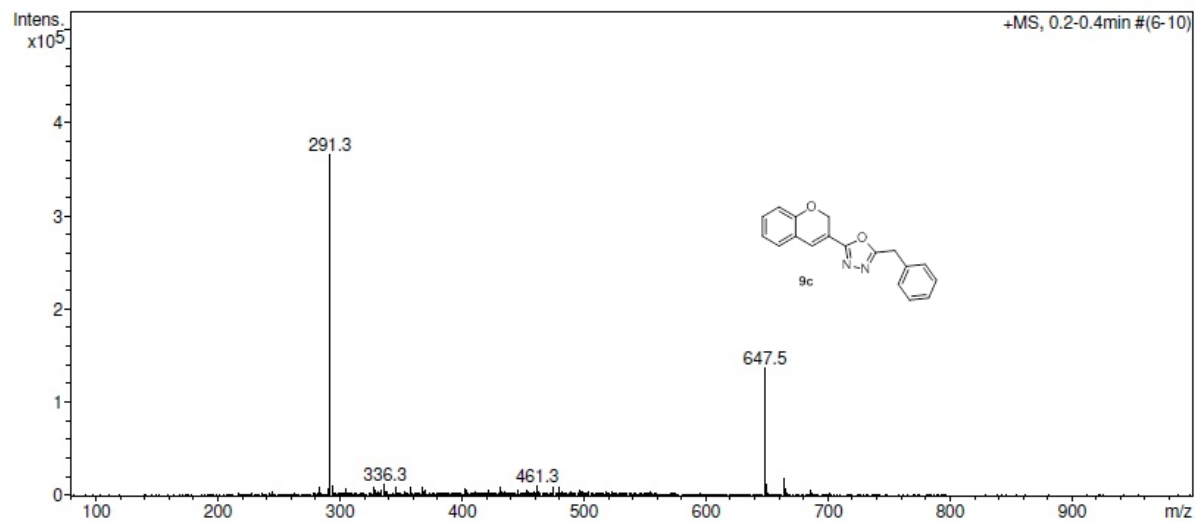
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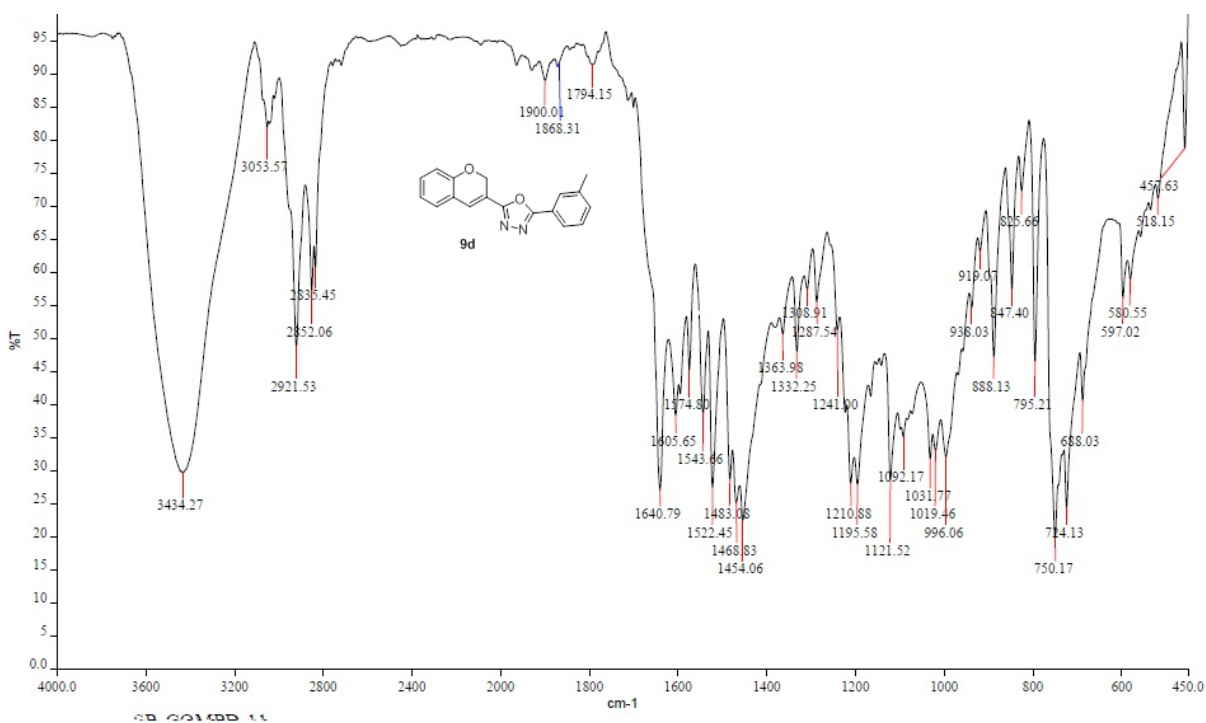
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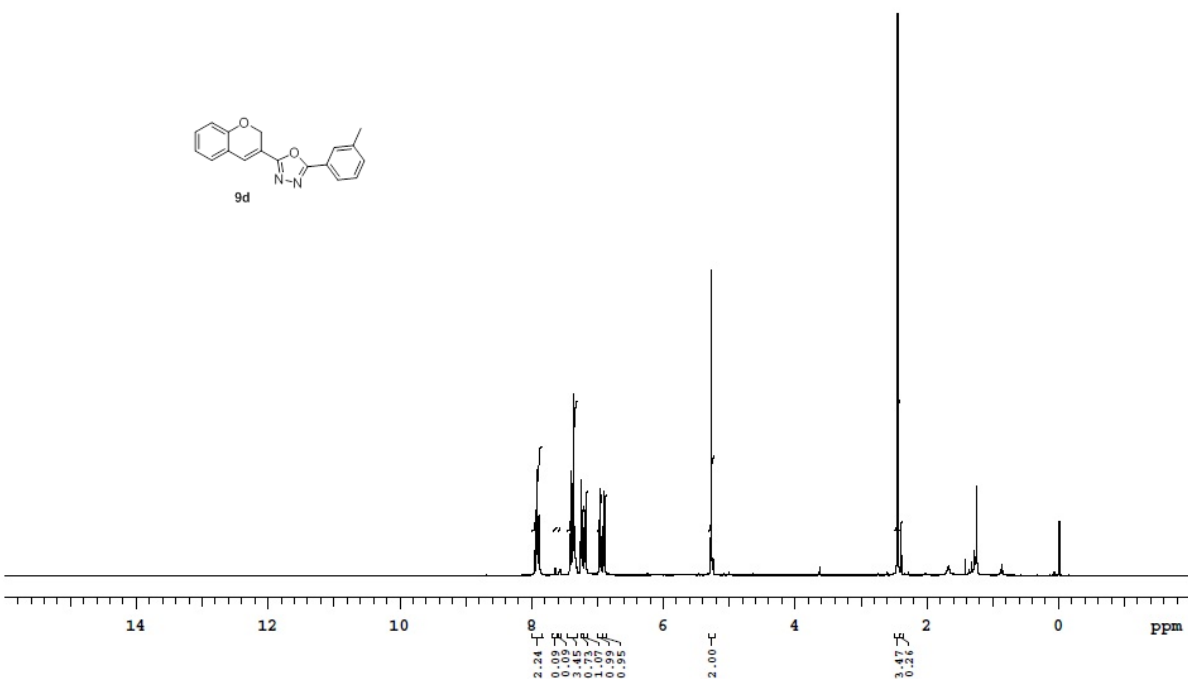
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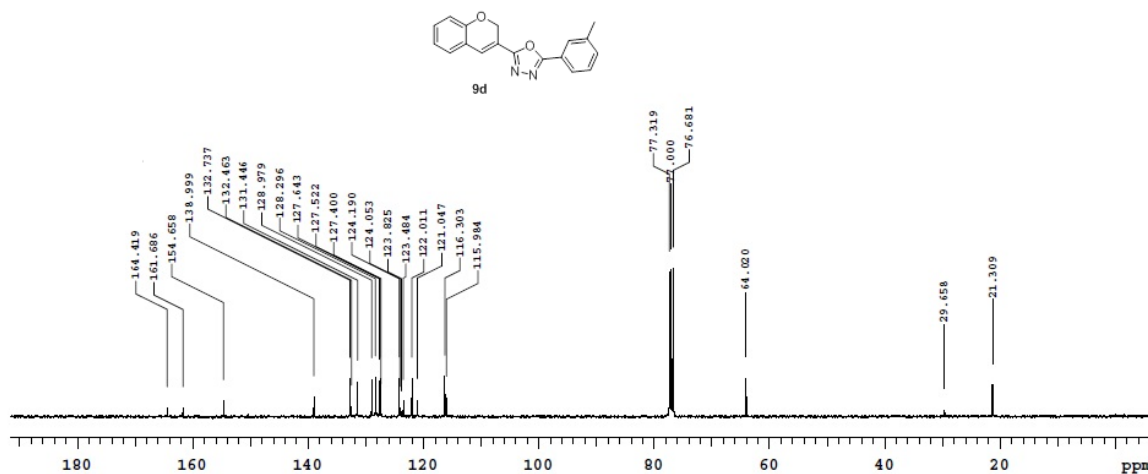
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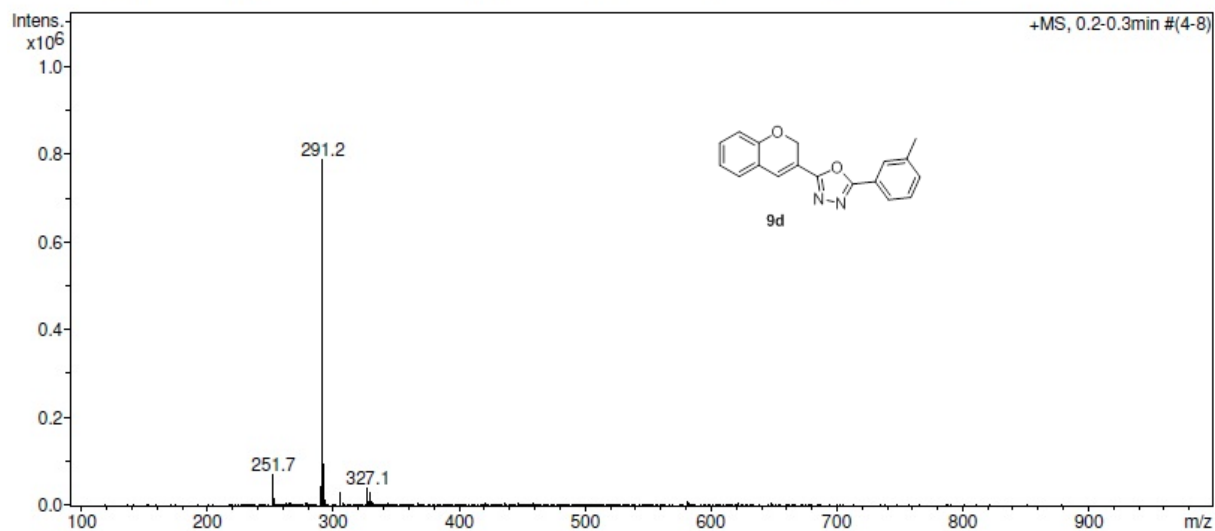
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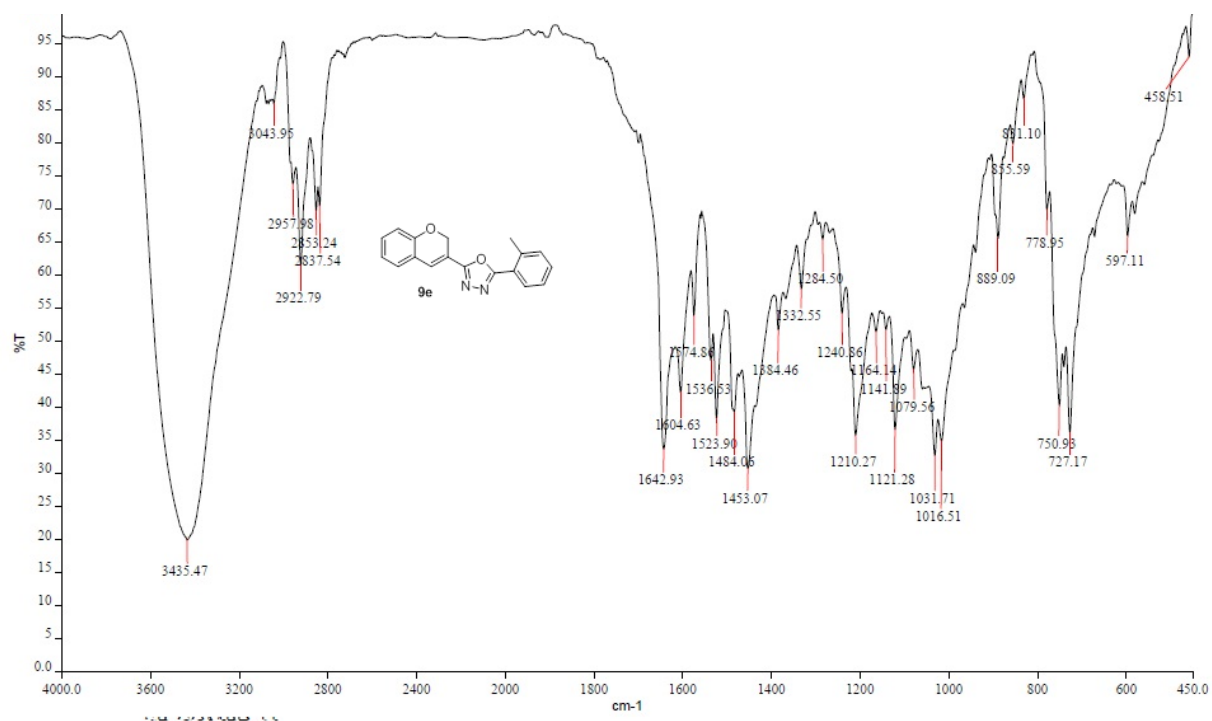
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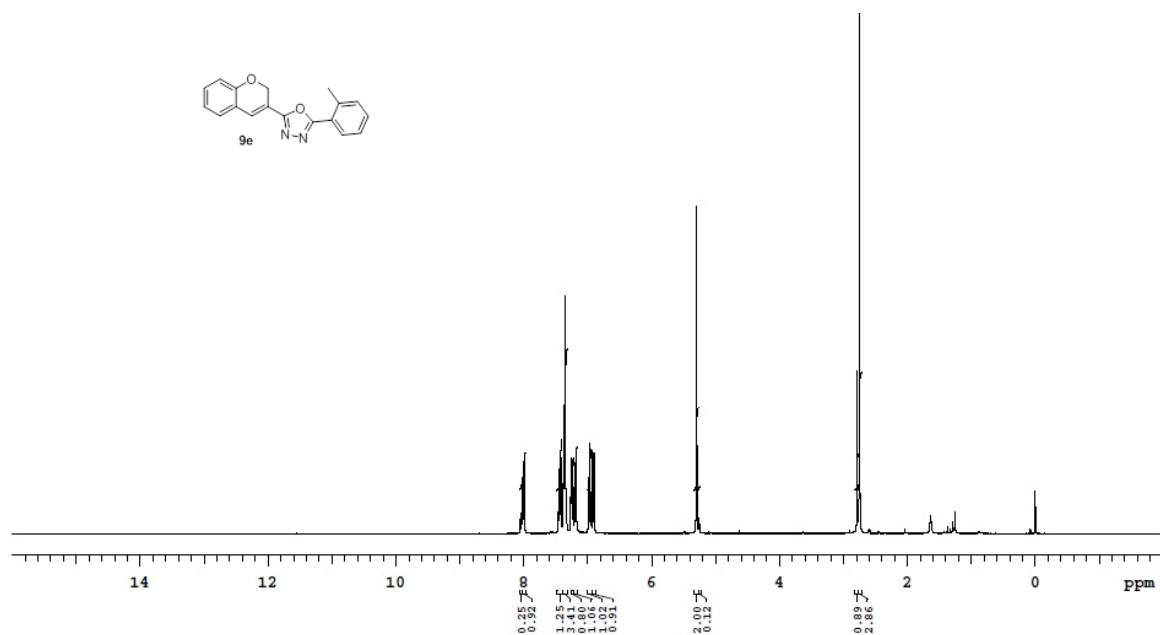
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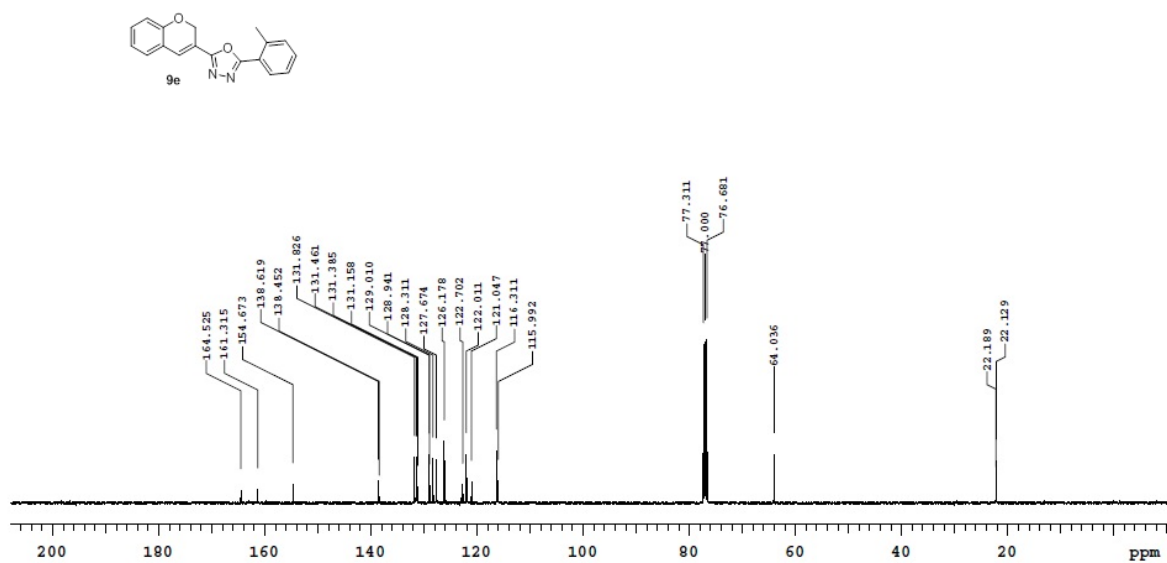
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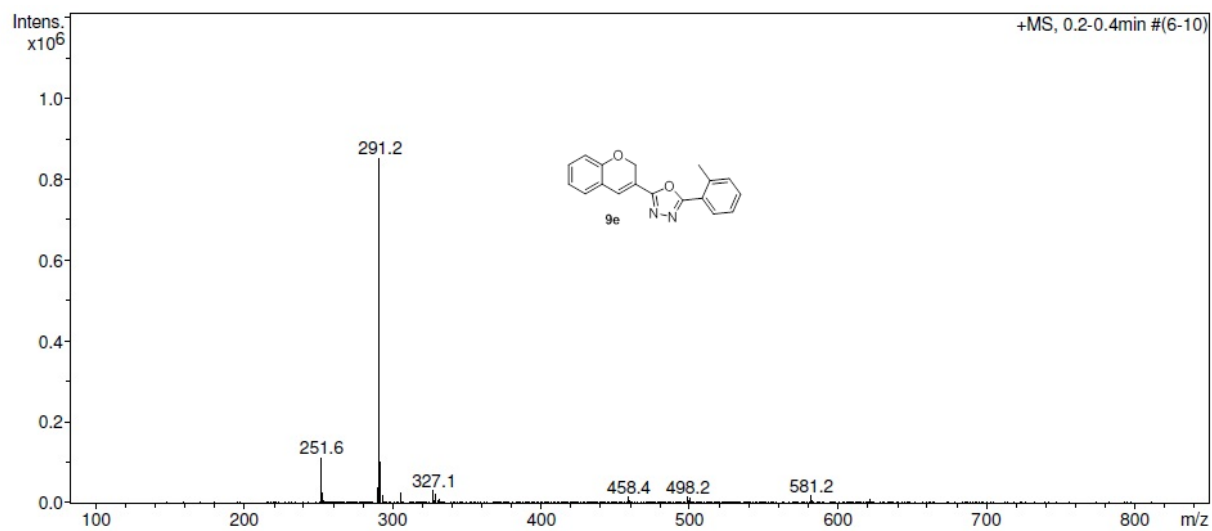
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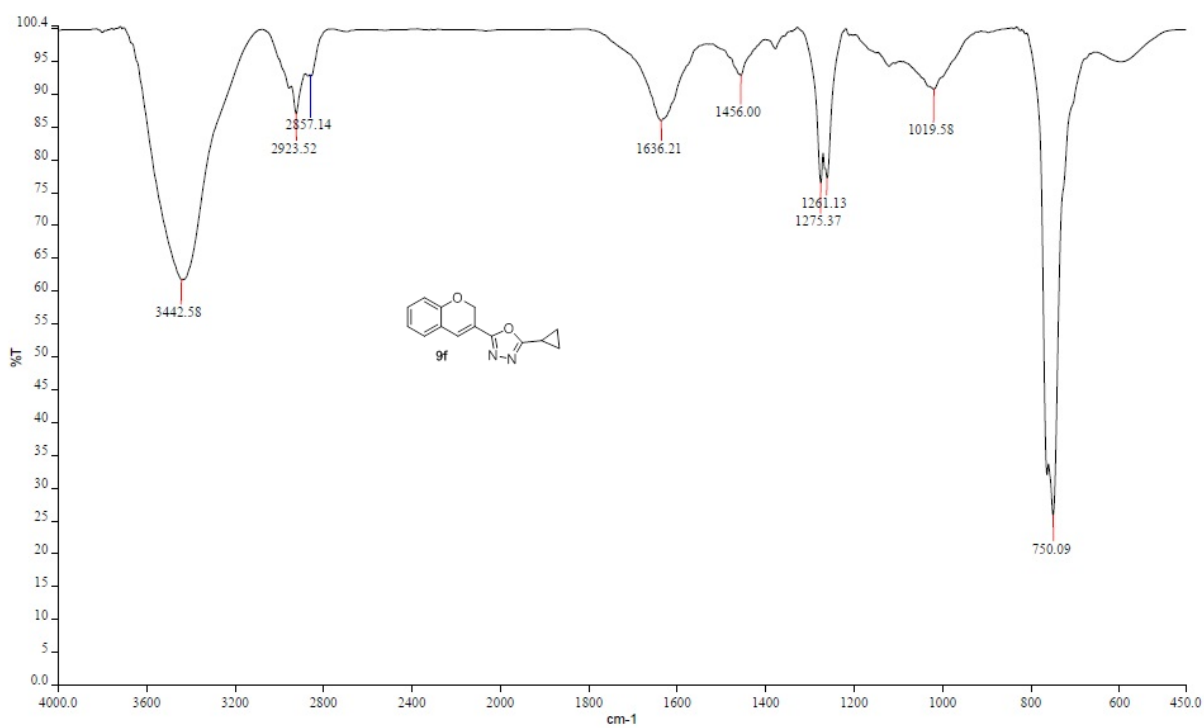
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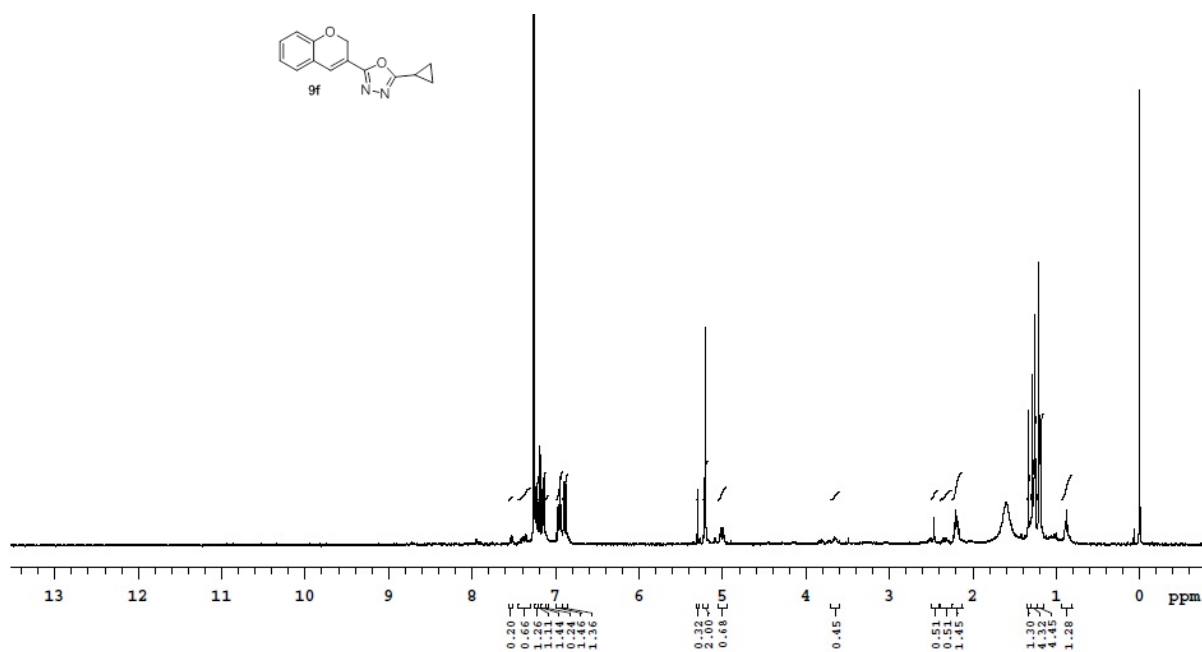
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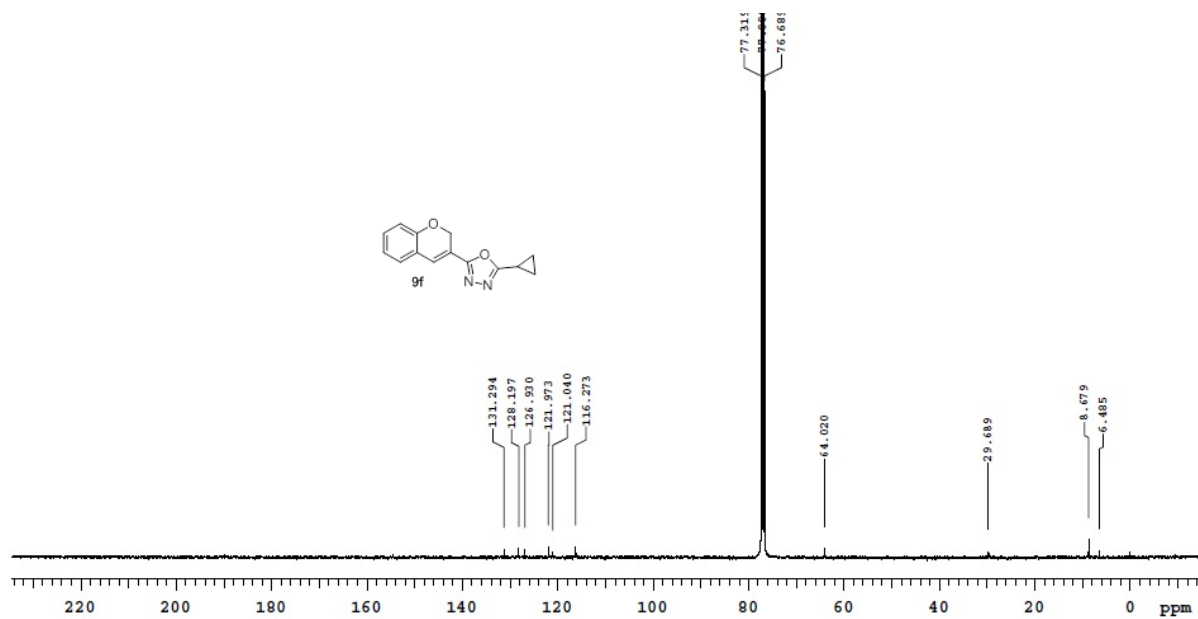
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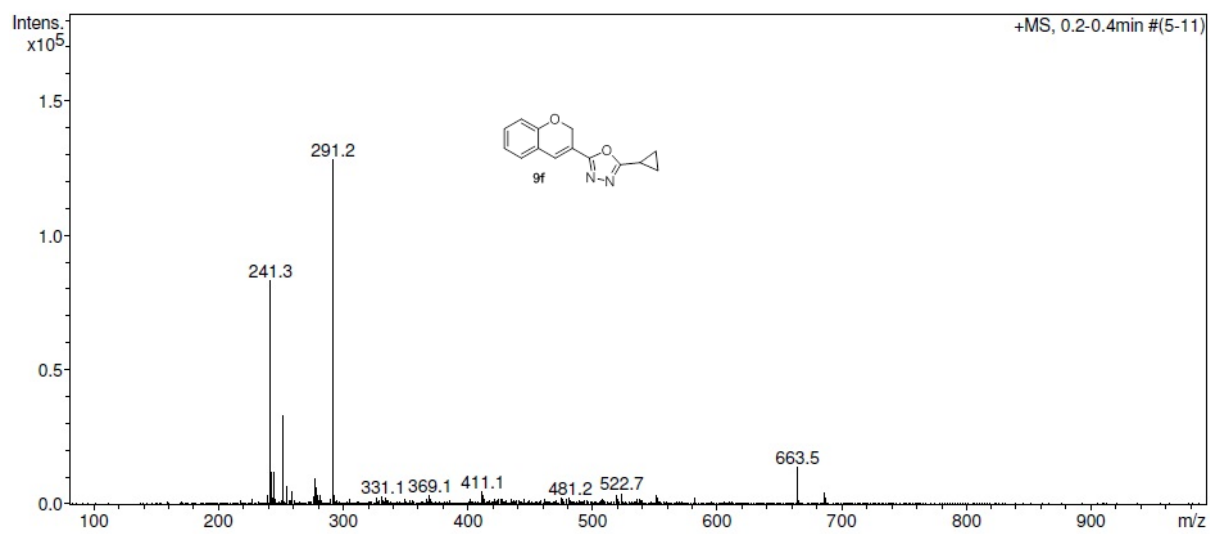
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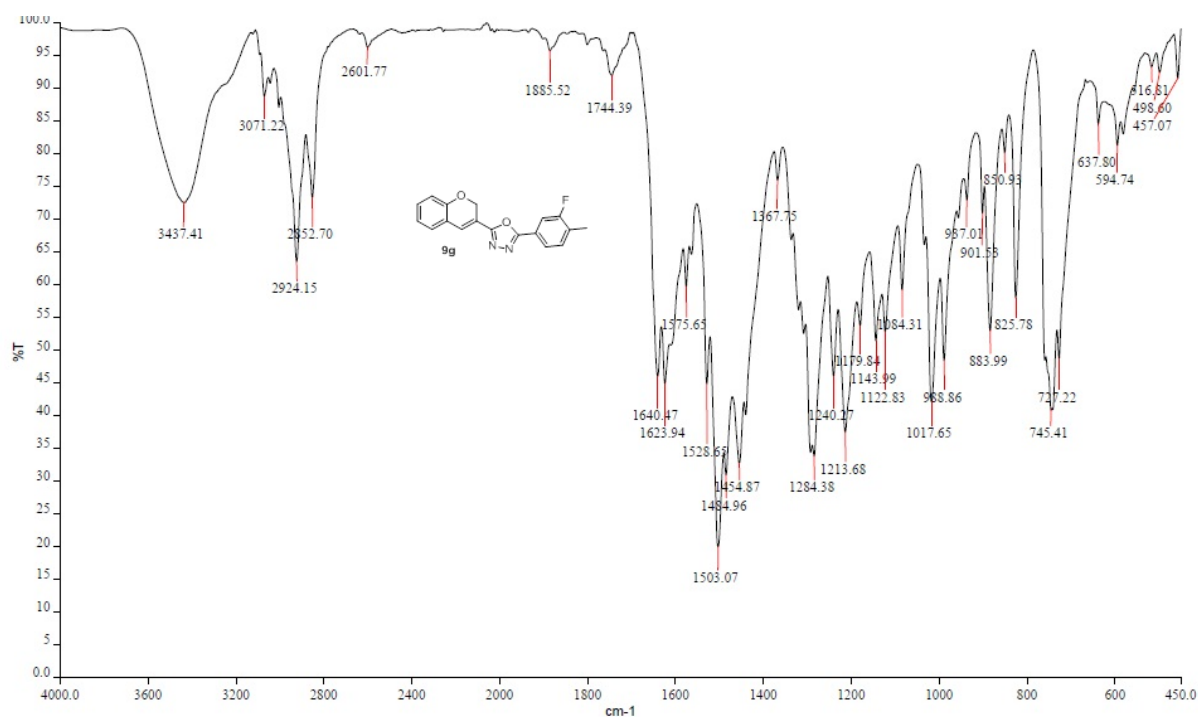
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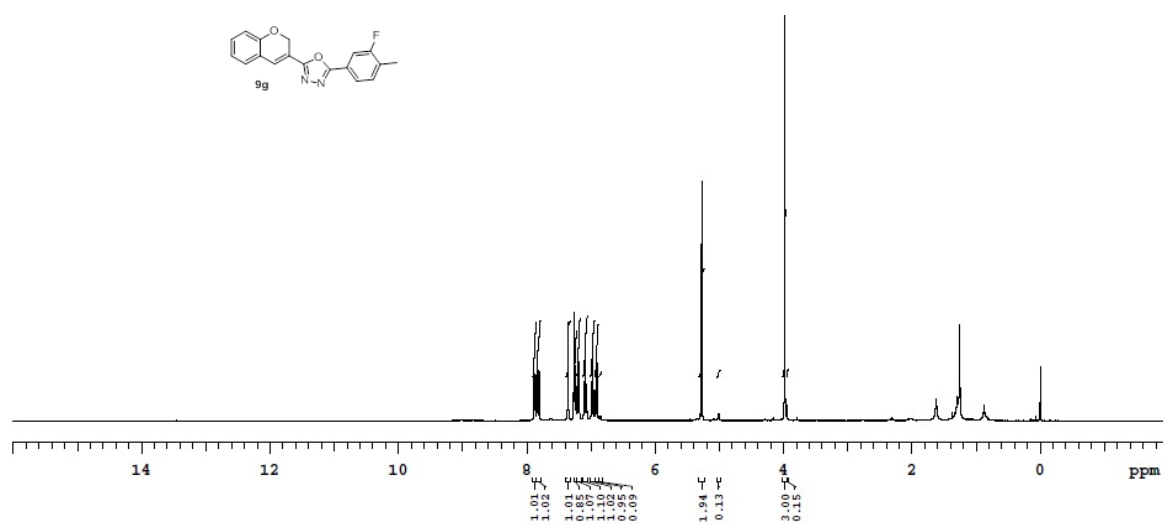
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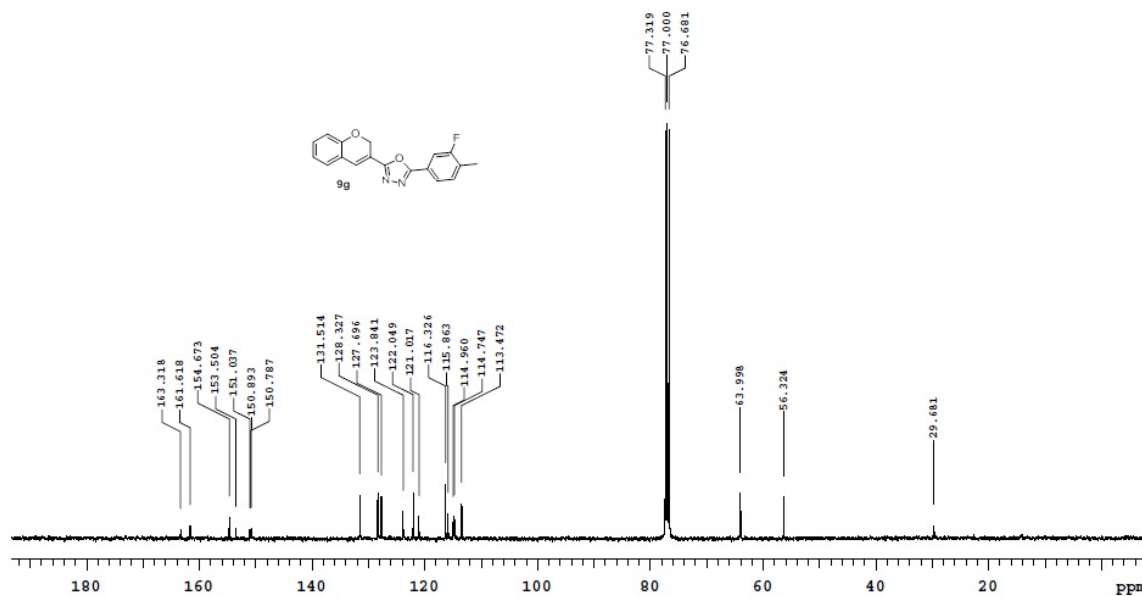
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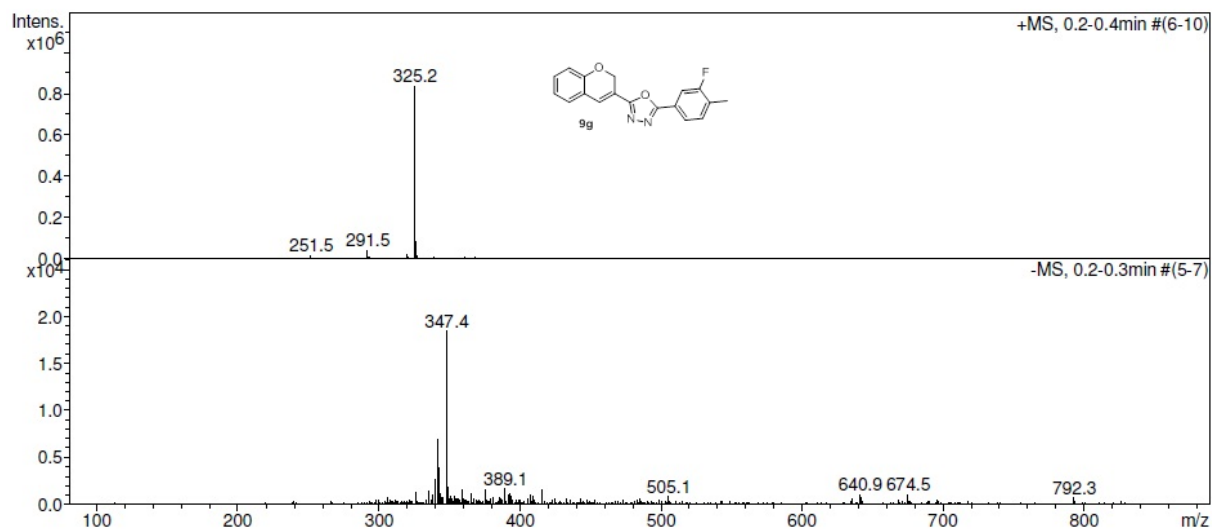
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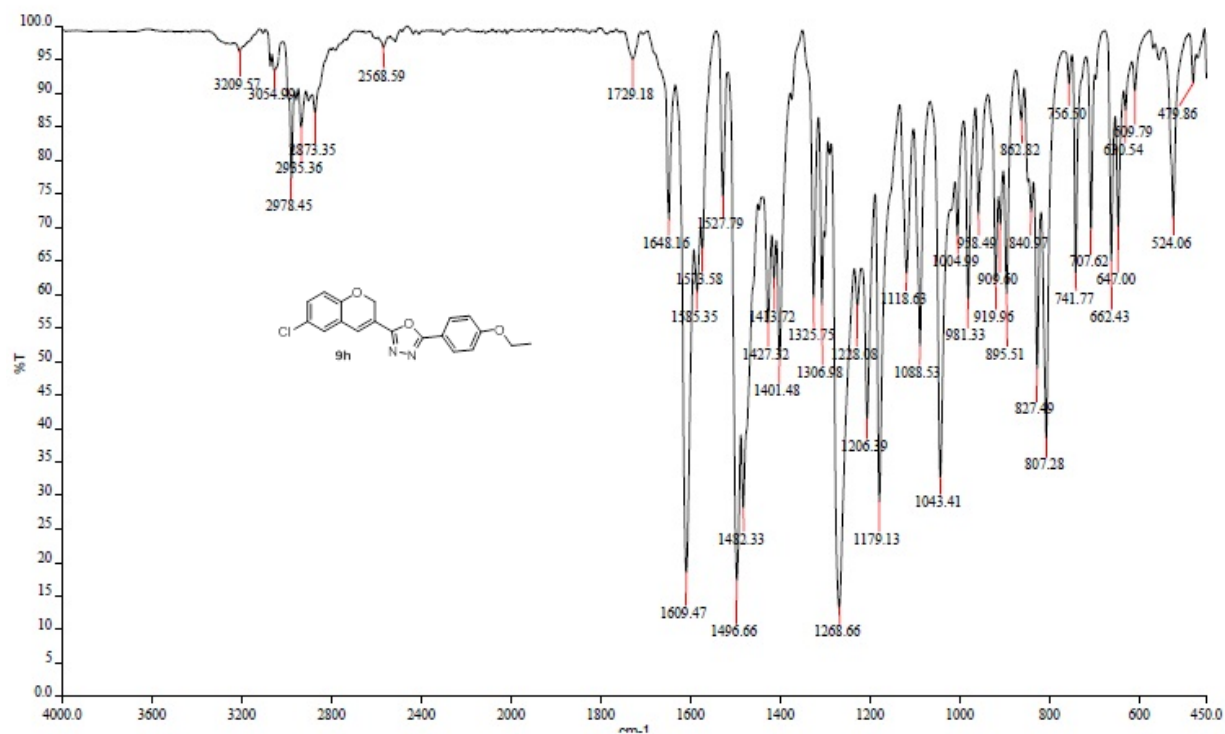
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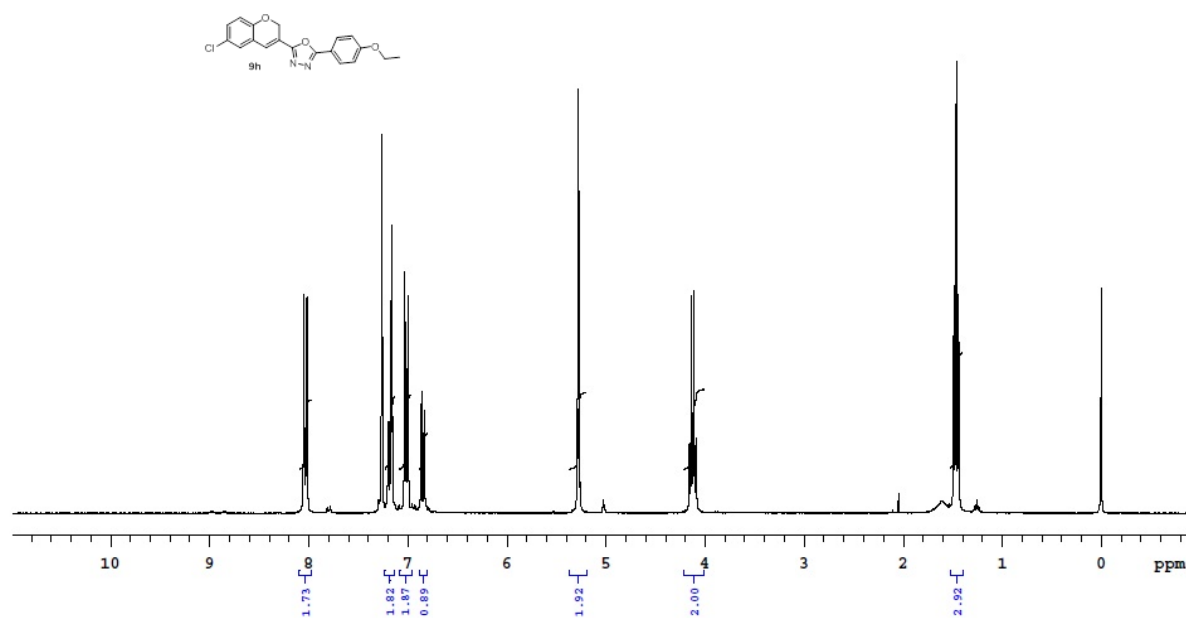
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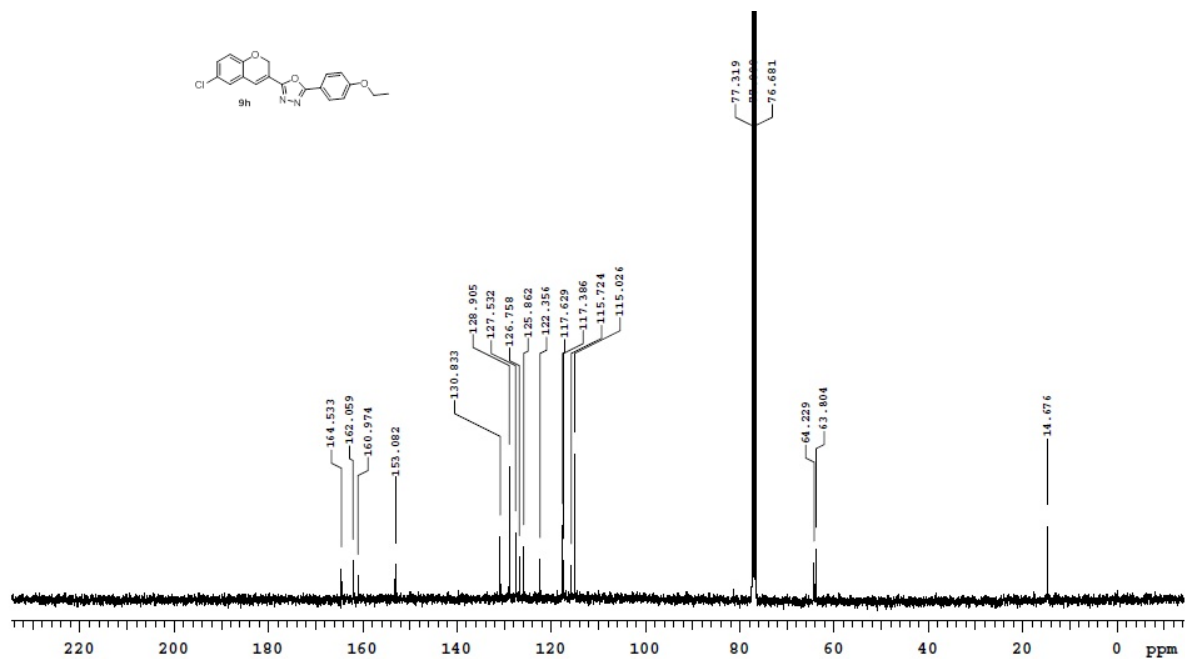
FT-IR spectra of Compound-9h:



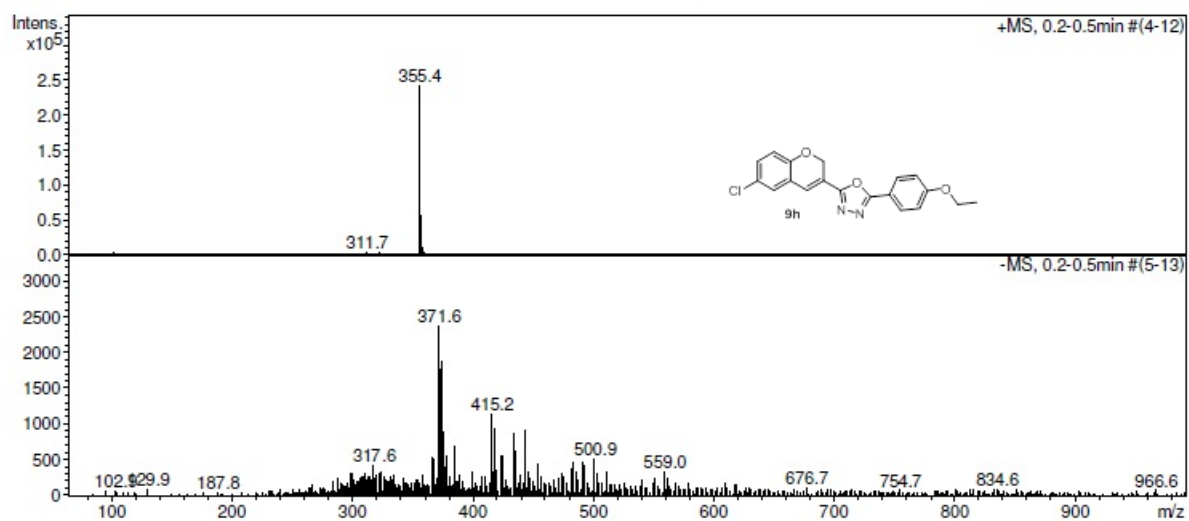
¹H NMR Spectra of Compound-9h:



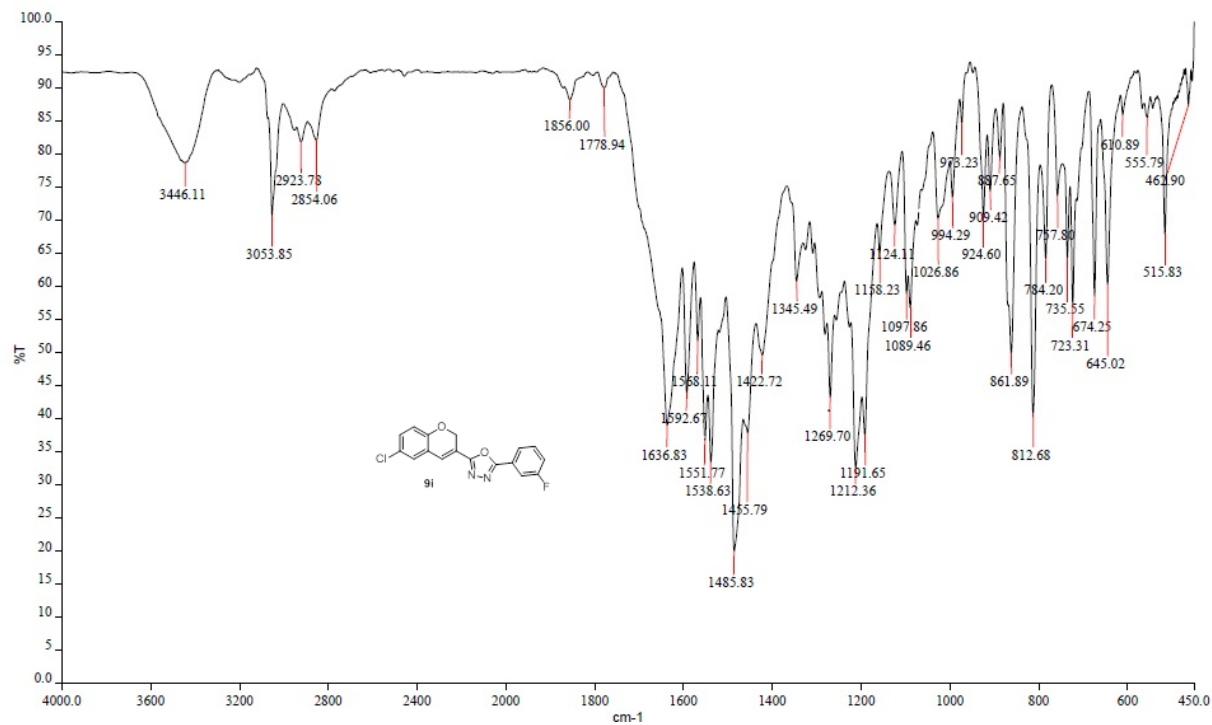
¹³C NMR Spectra of Compound-9h:



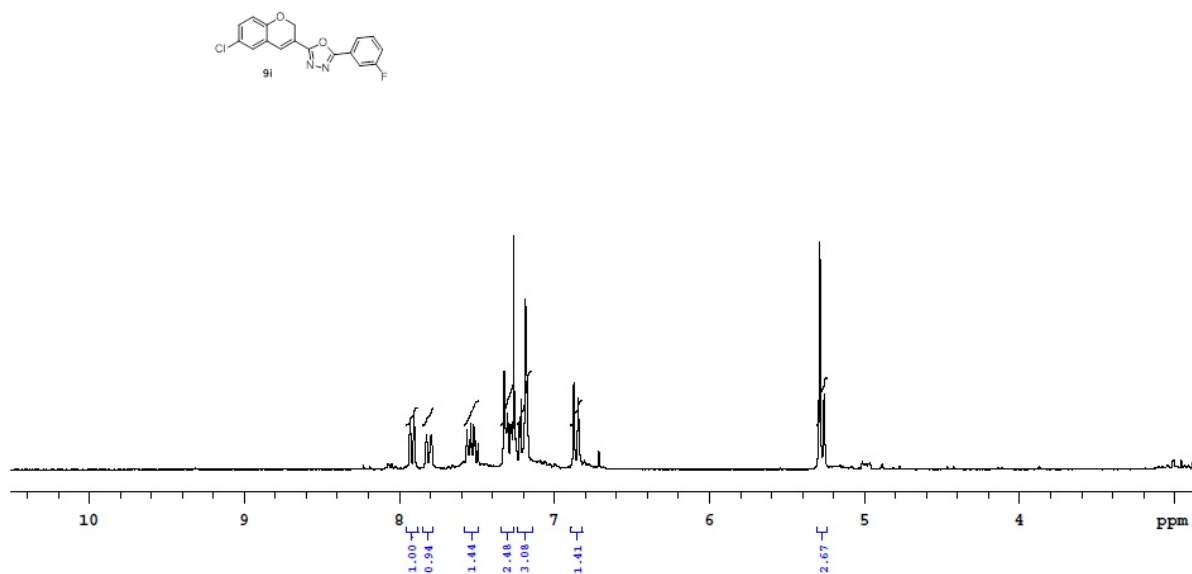
EI-MS Spectra of Compound-9h:



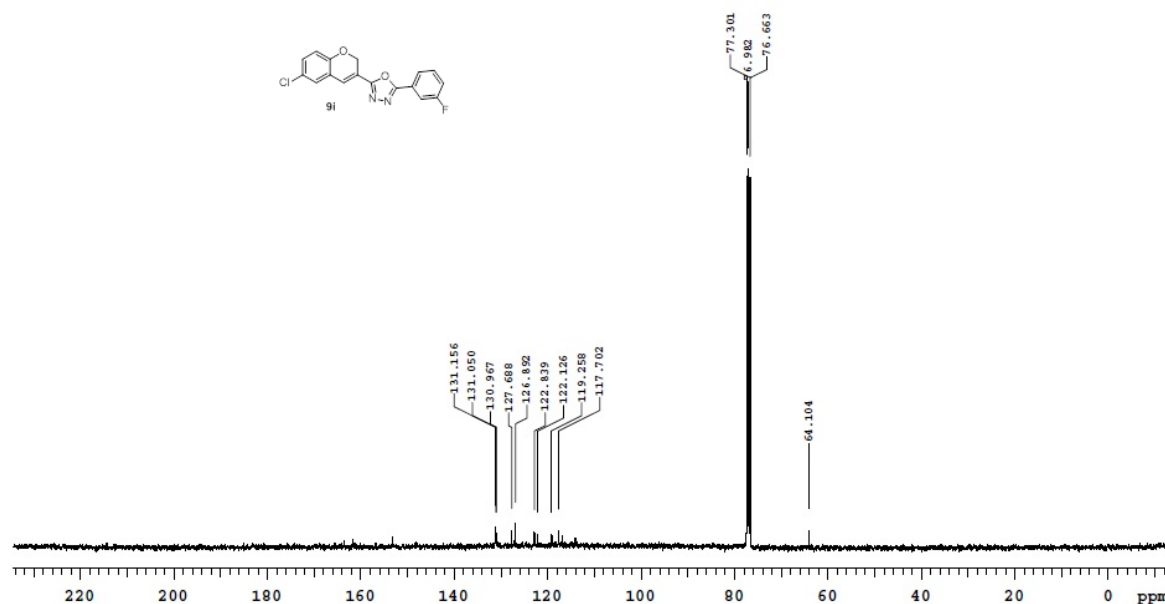
FT-IR spectra of Compound-9i:



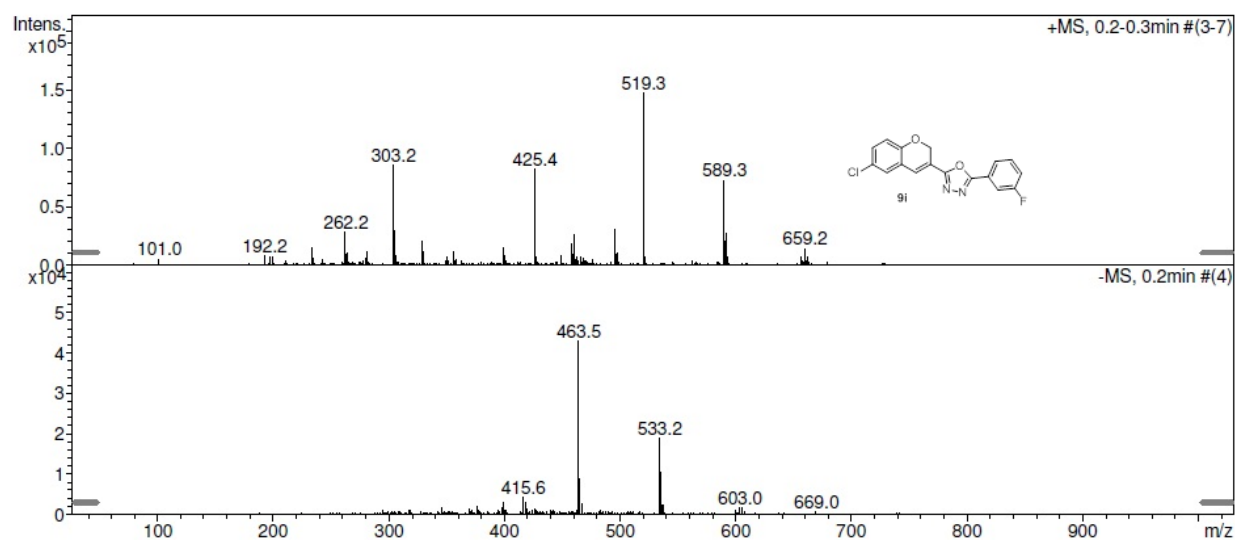
¹H NMR Spectra of Compound-9i:



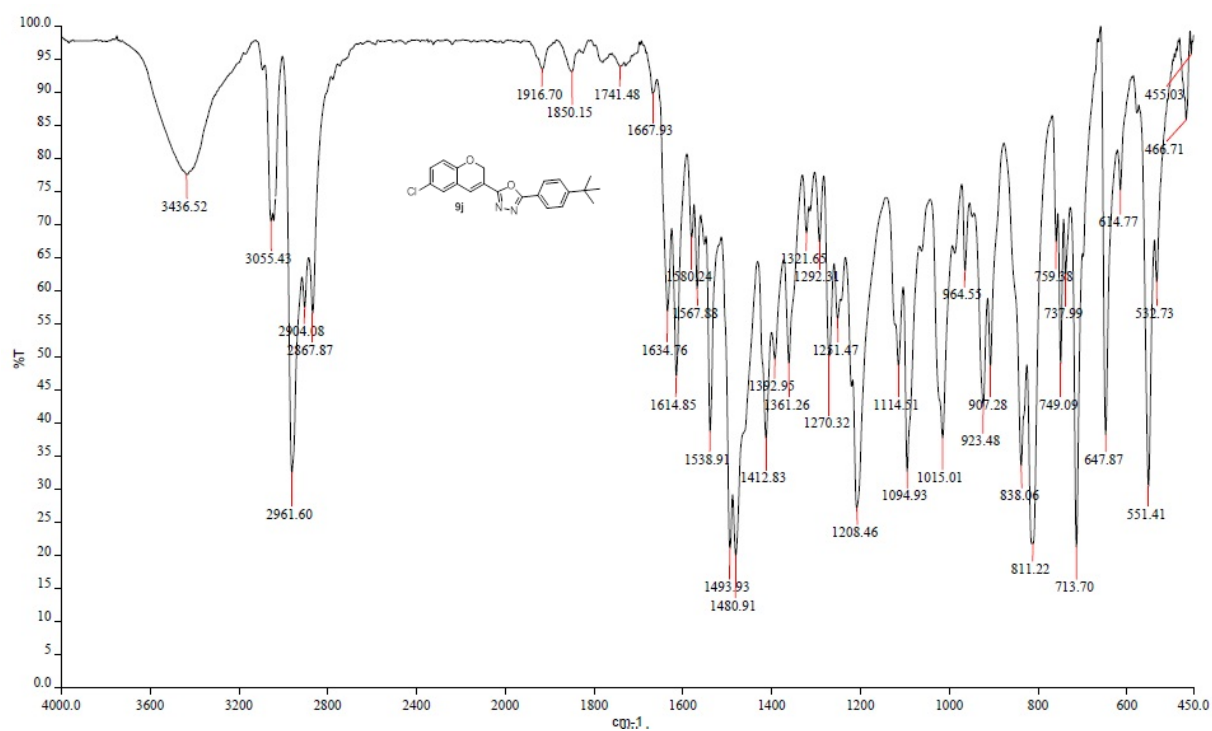
^{13}C NMR Spectra of Compound-9i:



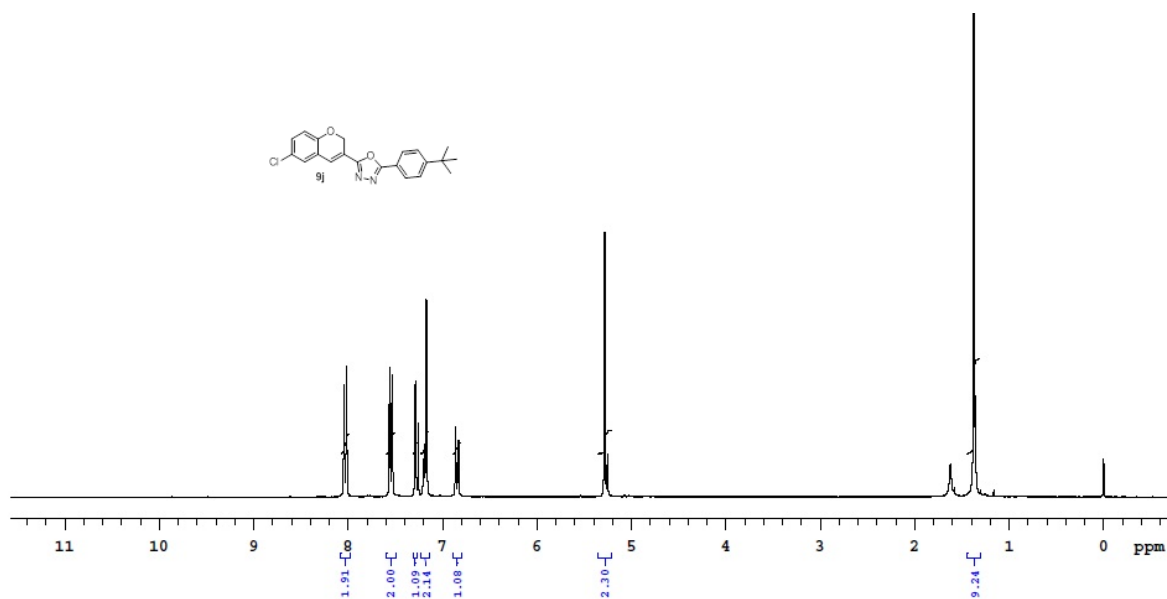
EI-MS Spectra of Compound-9i:



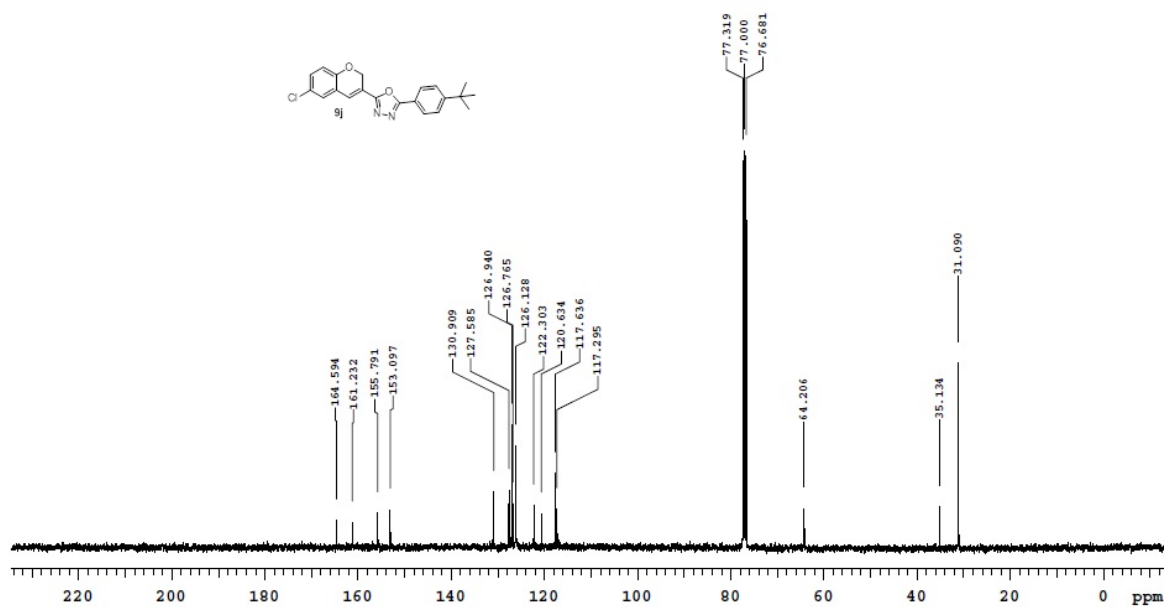
FT-IR spectra of Compound-9j:



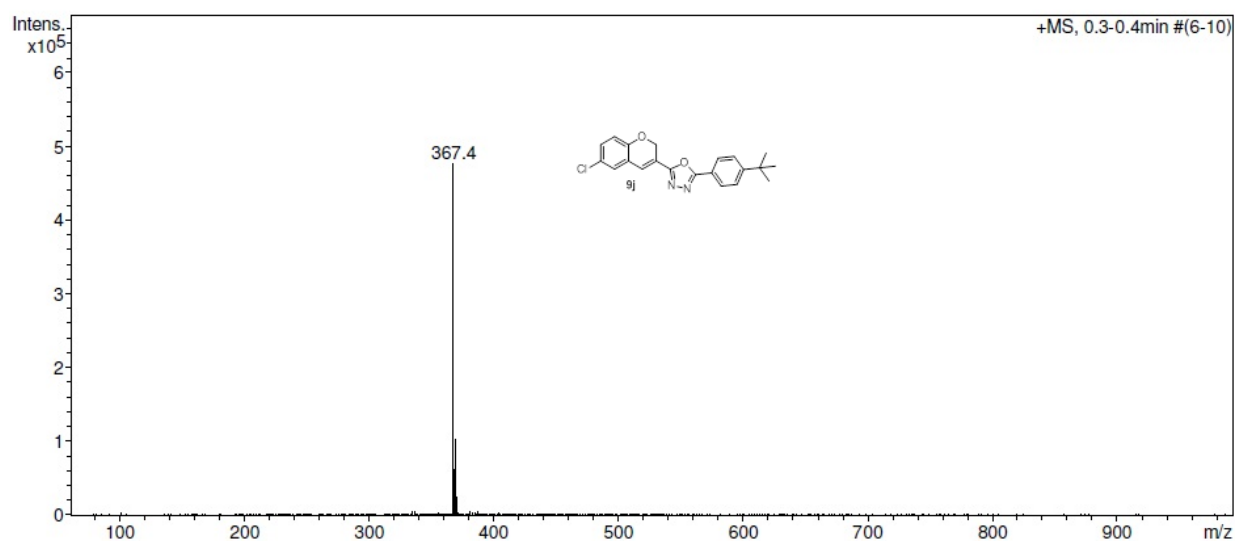
¹H NMR Spectra of Compound-9j:



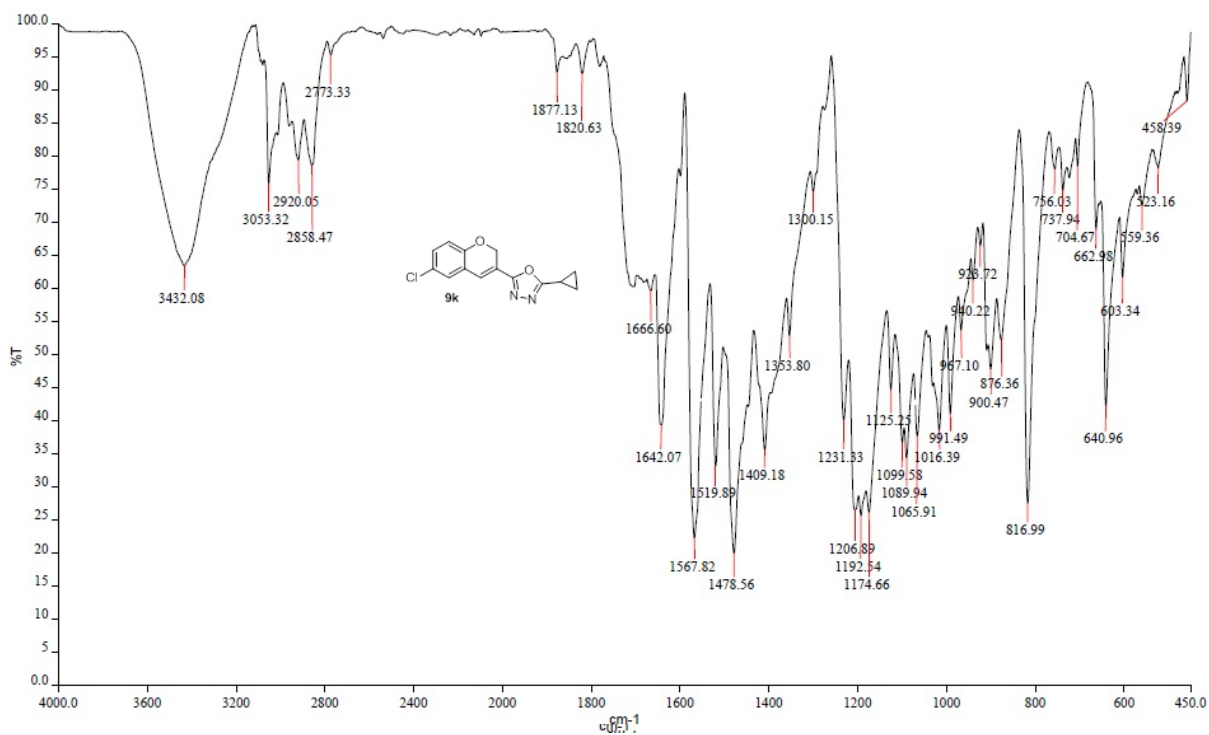
¹³C NMR Spectra of Compound-9j:



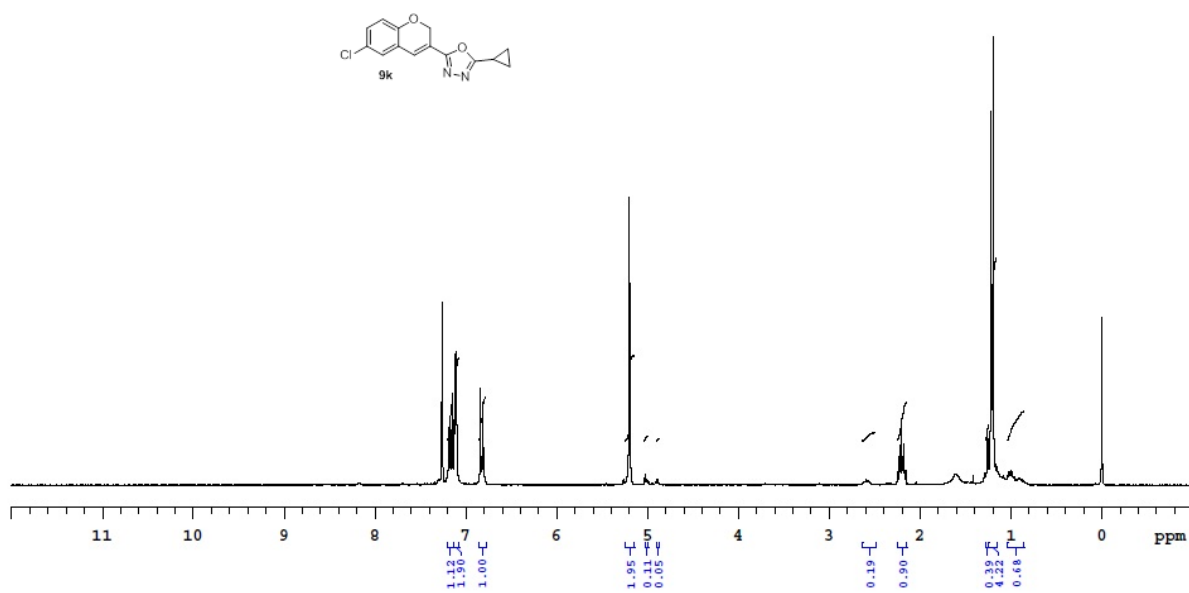
EI-MS Spectra of Compound-9j:



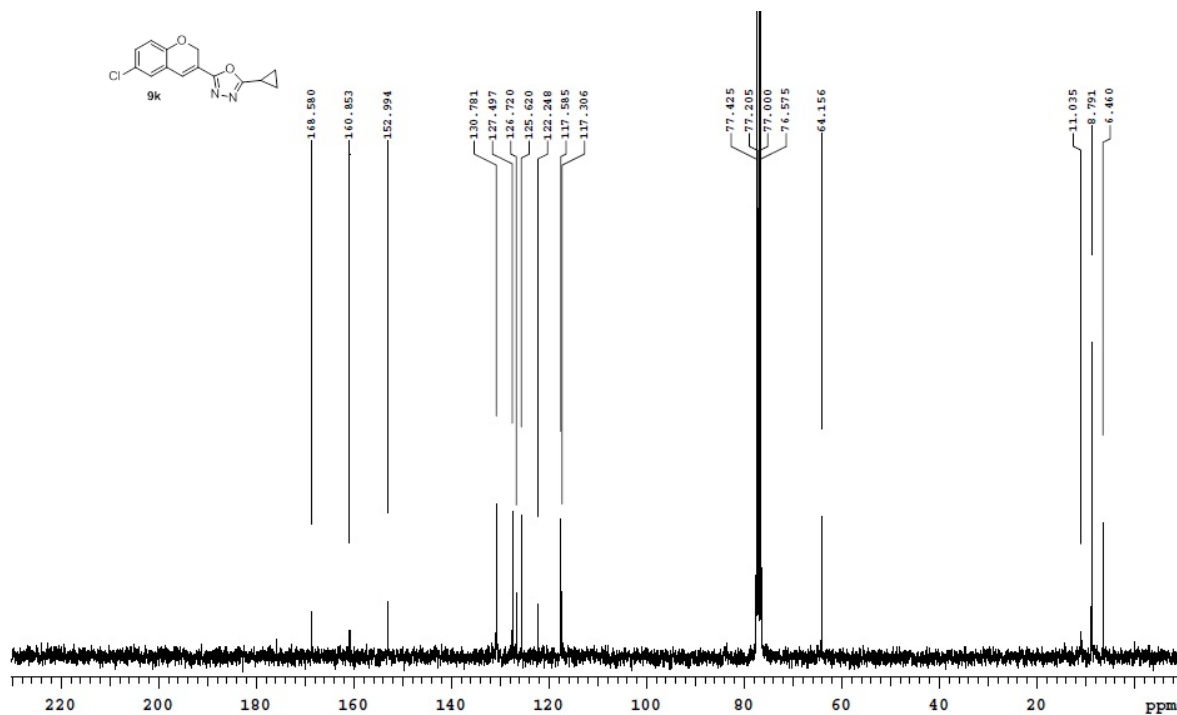
FT-IR spectra of Compound-9k:



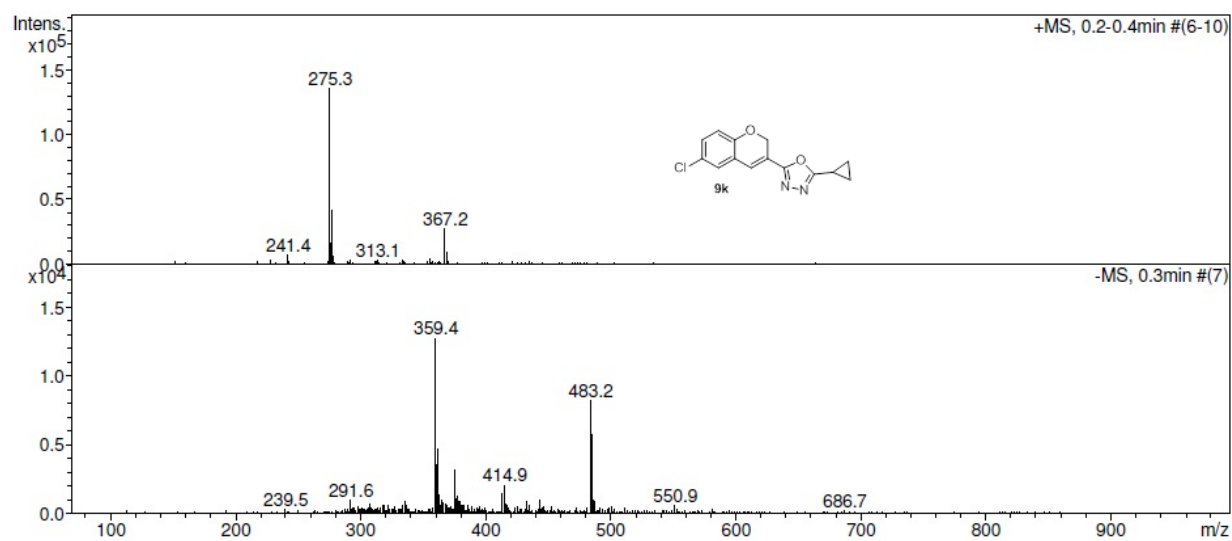
¹H NMR Spectra of Compound-9k:



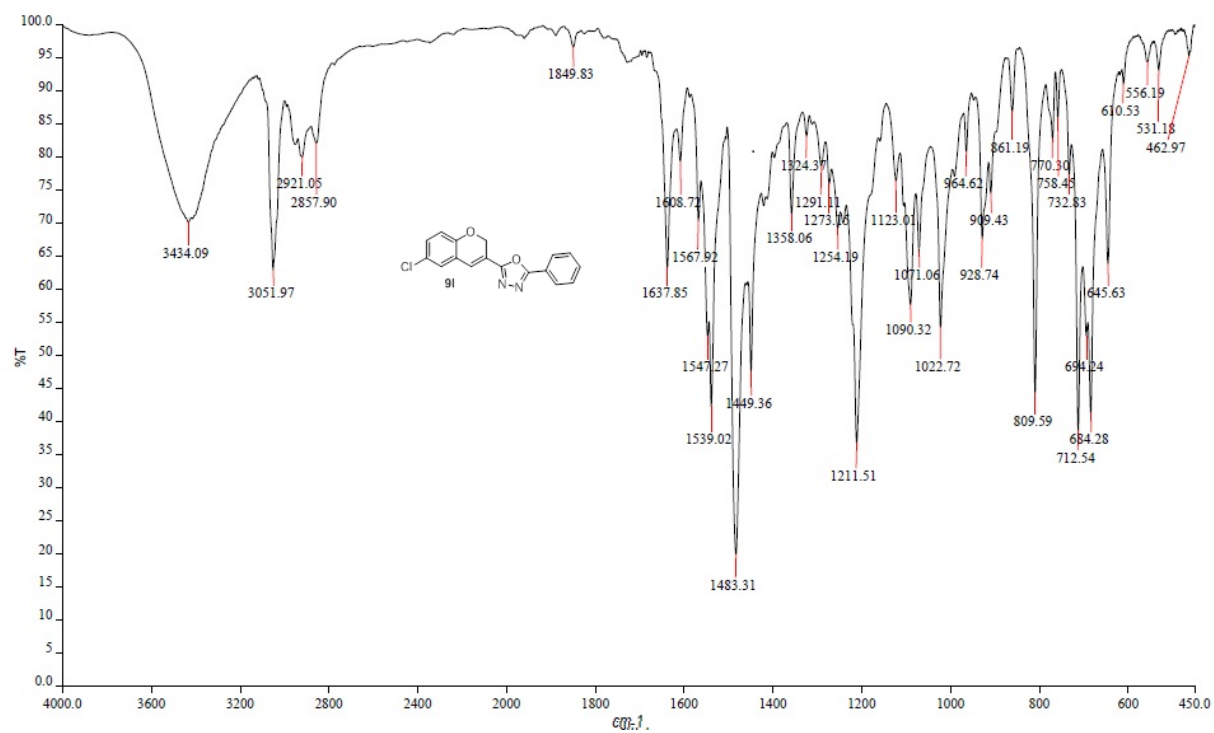
¹³C NMR Spectra of Compound-9k:



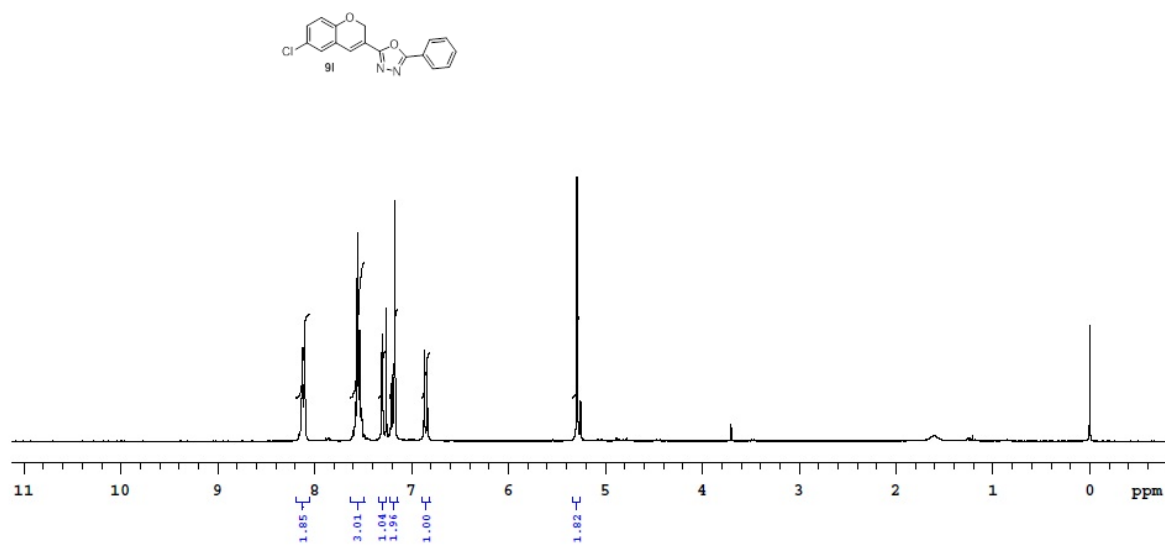
EI-MS Spectra of Compound-9k:



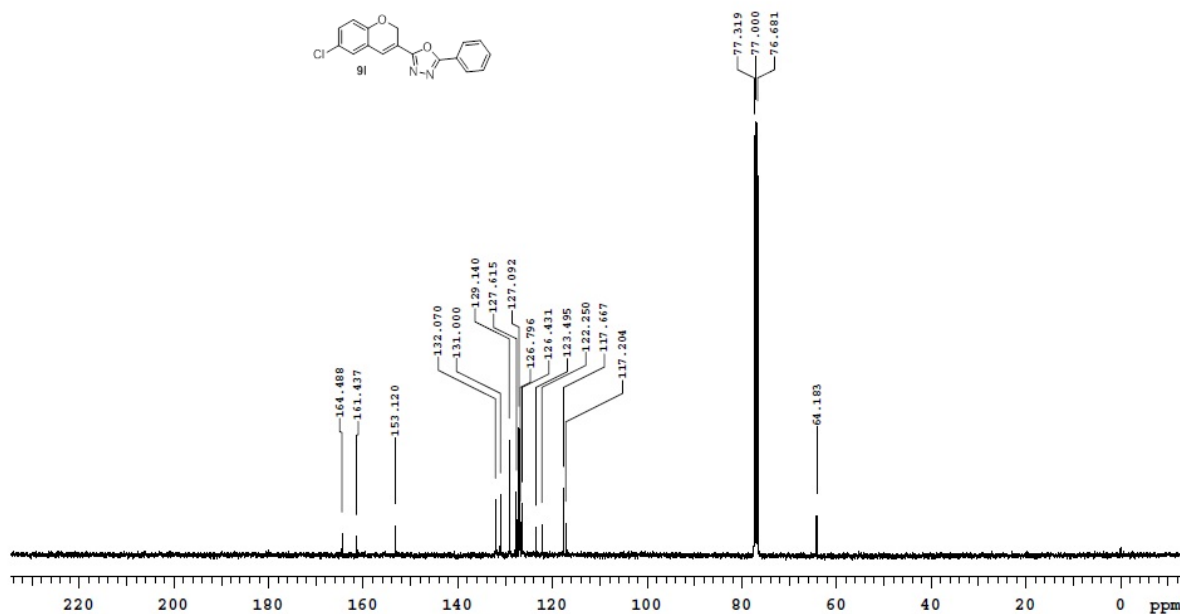
FT-IR spectra of Compound-9I:



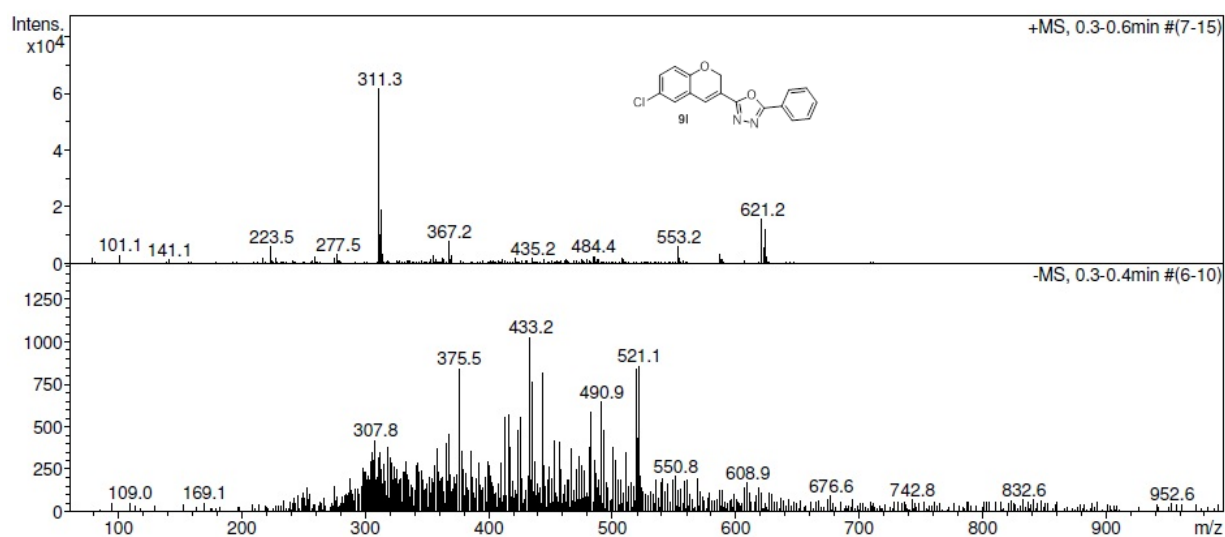
¹H NMR Spectra of Compound-9I:



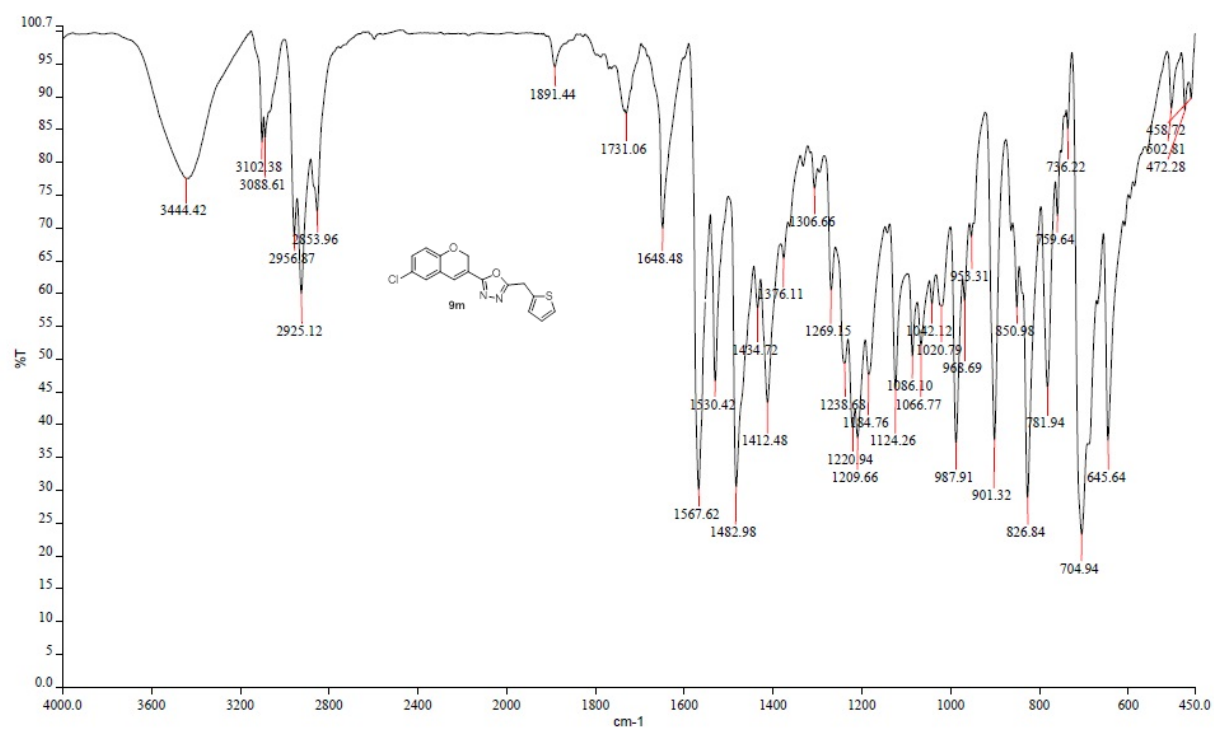
¹³C NMR Spectra of Compound-9I:



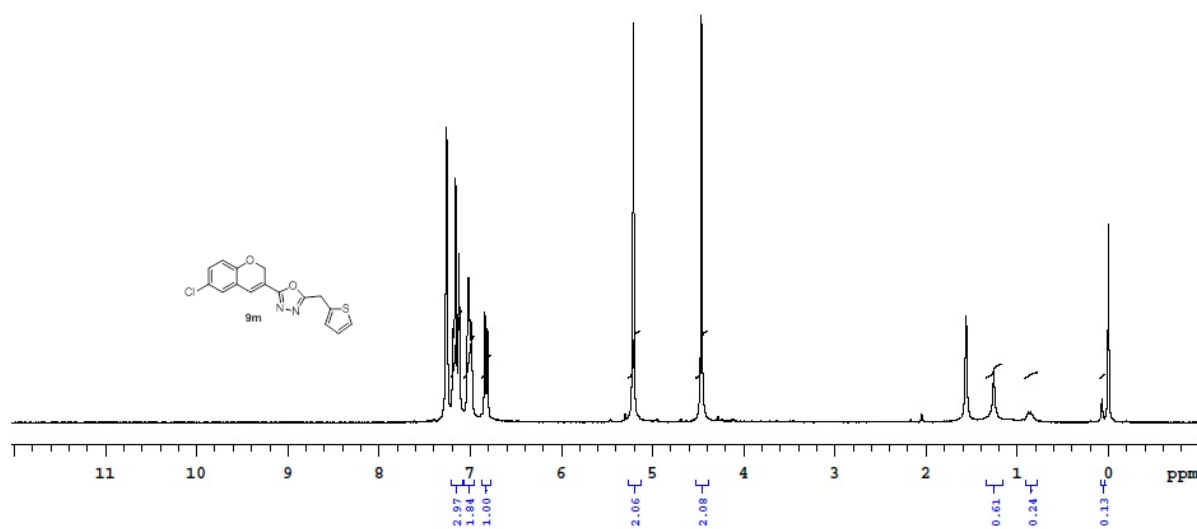
EI-MS Spectra of Compound-9I:



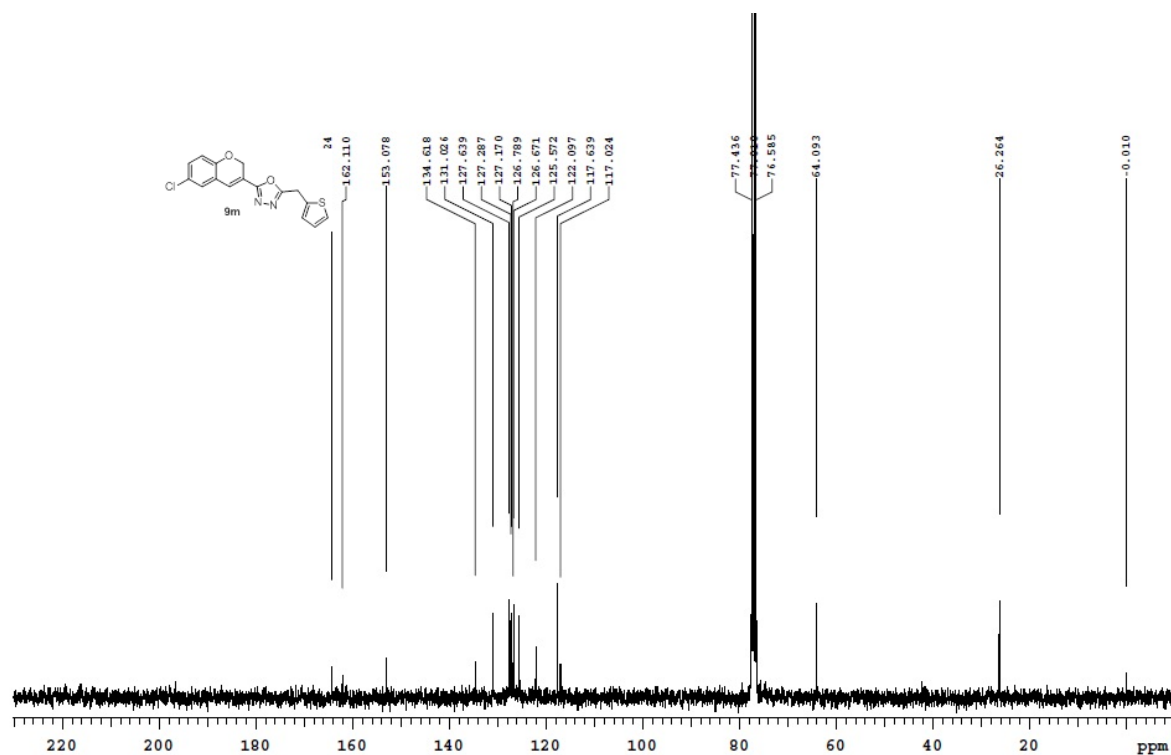
FT-IR spectra of Compound-9m:



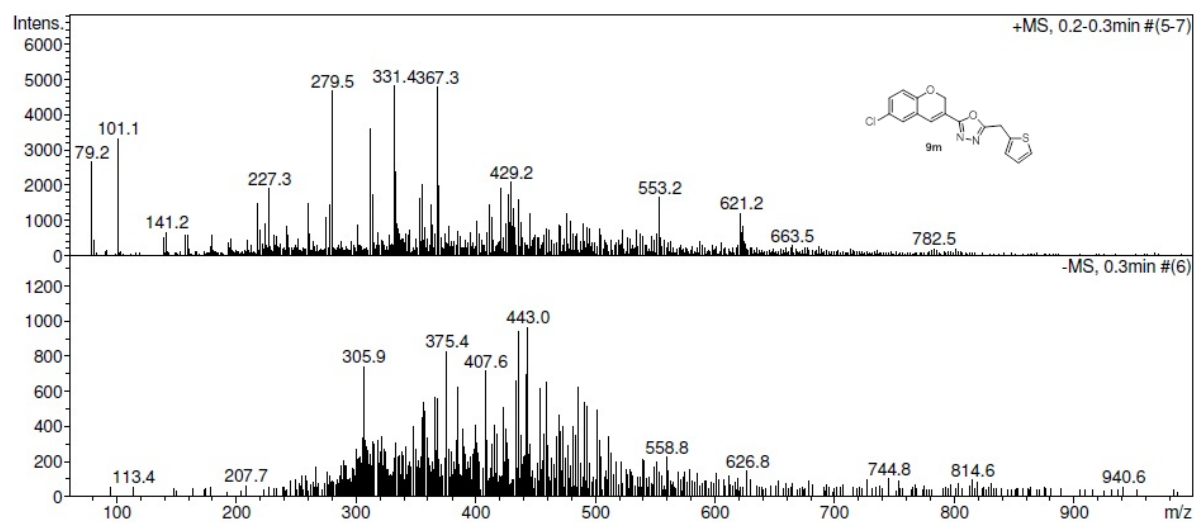
¹H NMR Spectra of Compound-9m:



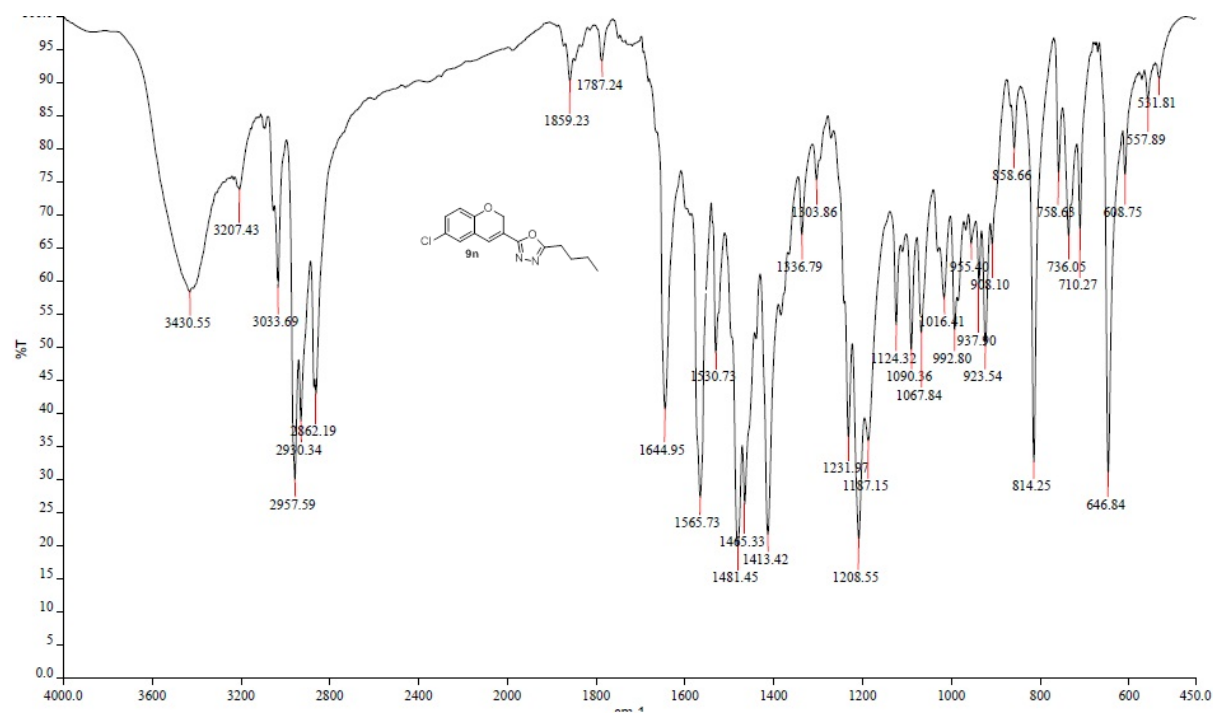
¹³C NMR Spectra of Compound-9m:



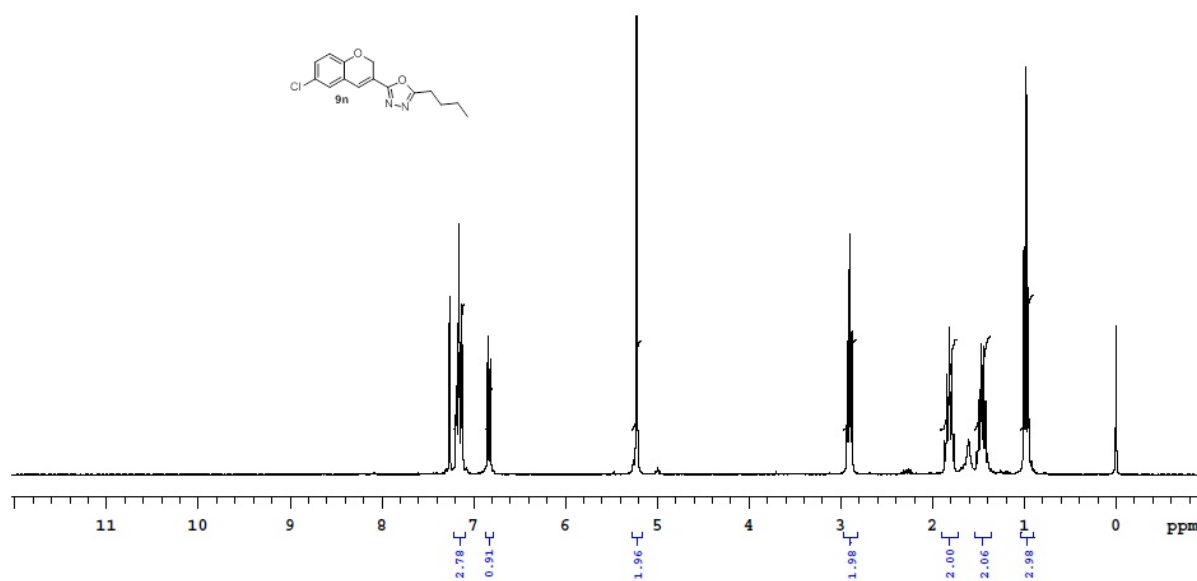
EI-MS Spectra of Compound-9m:



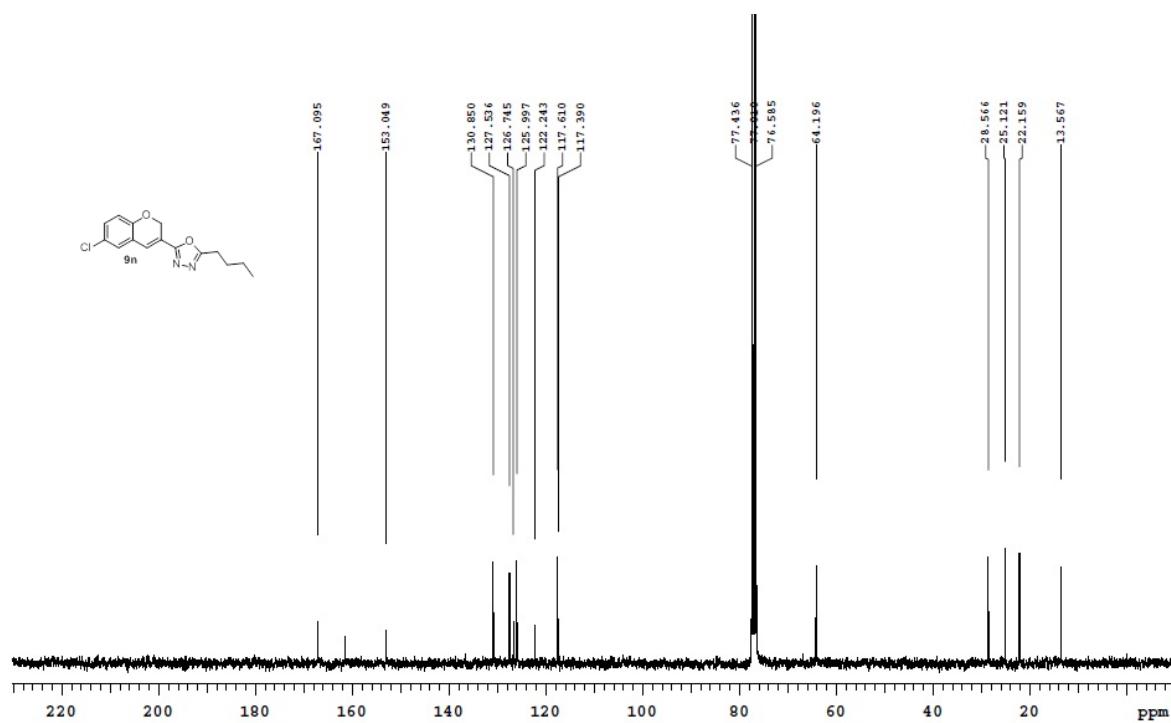
FT-IR spectra of Compound-9n:



¹H NMR Spectra of Compound-9n:



¹³C NMR Spectra of Compound-9n:



EI-MS Spectra of Compound-9n:

