

Supplementary Material

The synthesis of 2,3-dihydroquinazoline-4(1*H*)-one and dihydroisoindolo[2,1-*a*]quinazoline-5,11-dione derivatives in the presence of imidazolium ionic liquid sulfonic acid functionalized SBA-15: a novel feature of SBA-15

Sepideh Abbasian^a, Hassan Kabirifard*^a and Mohammad Mahdavi^b

^aDepartment of Chemistry, North Tehran Branch, Islamic Azad University, Tehran, Iran

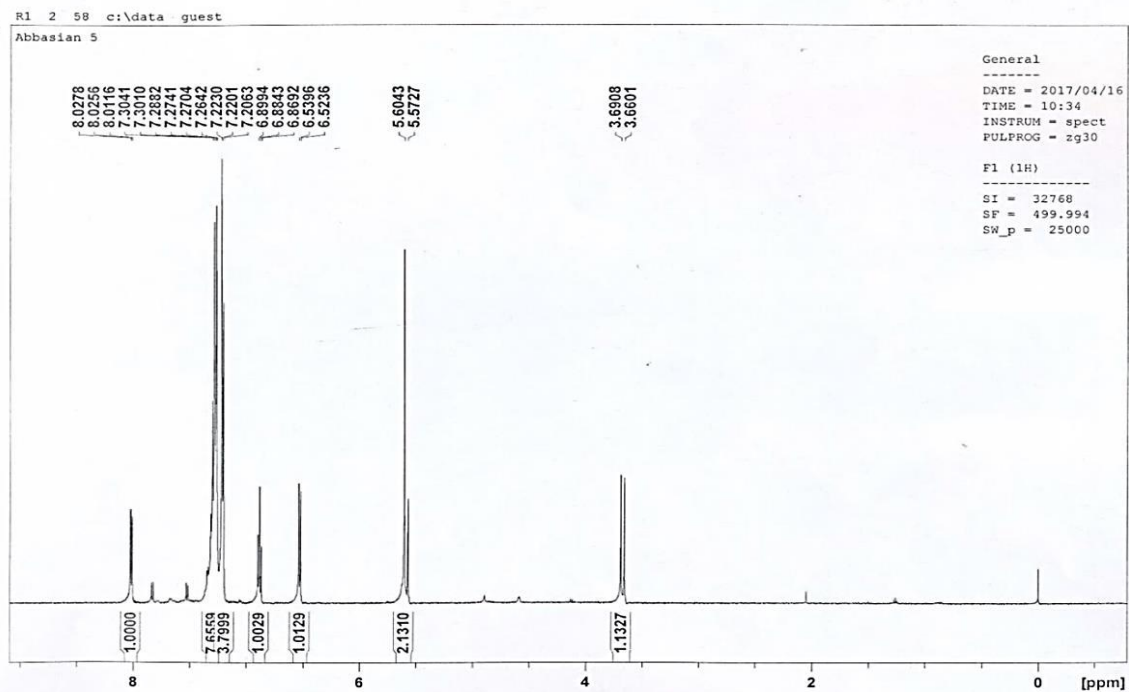
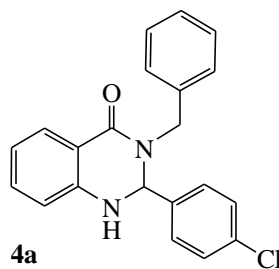
^b Endocrinology & Metabolism Research Institute, Tehran University of Medical, Iran

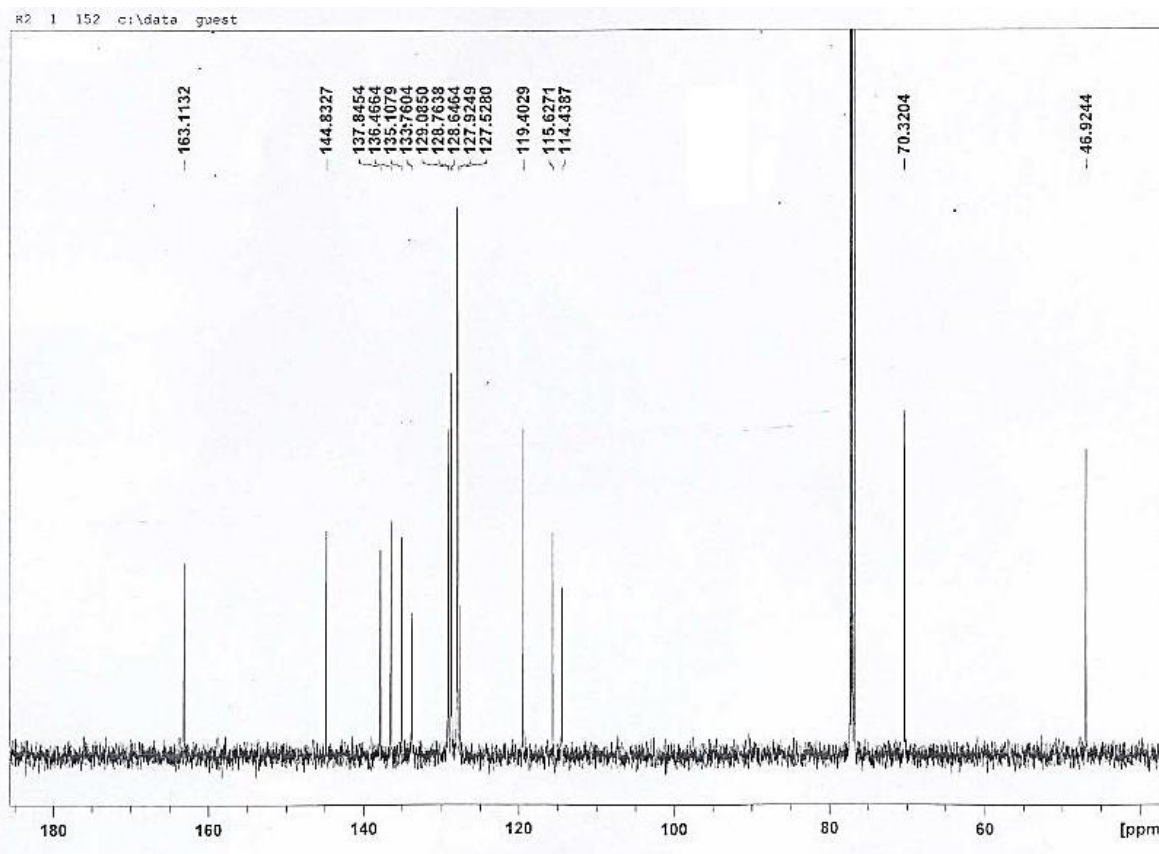
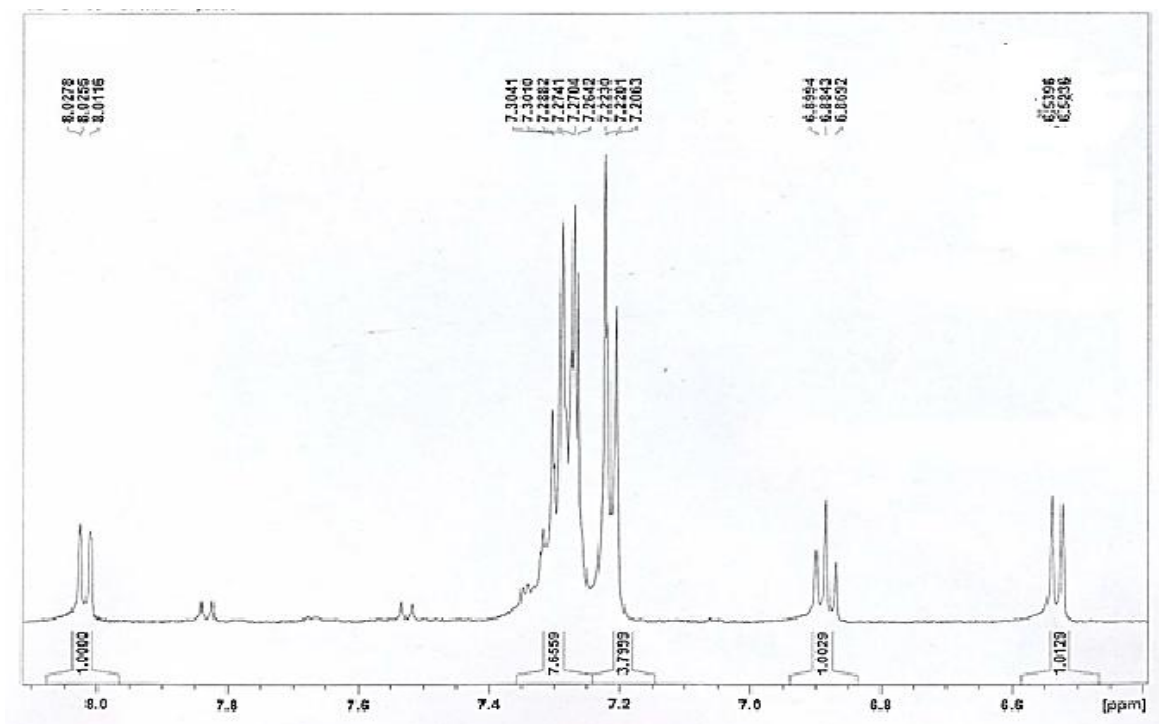
Email: h_kabirifard@iau-tnb.ac.ir

Content

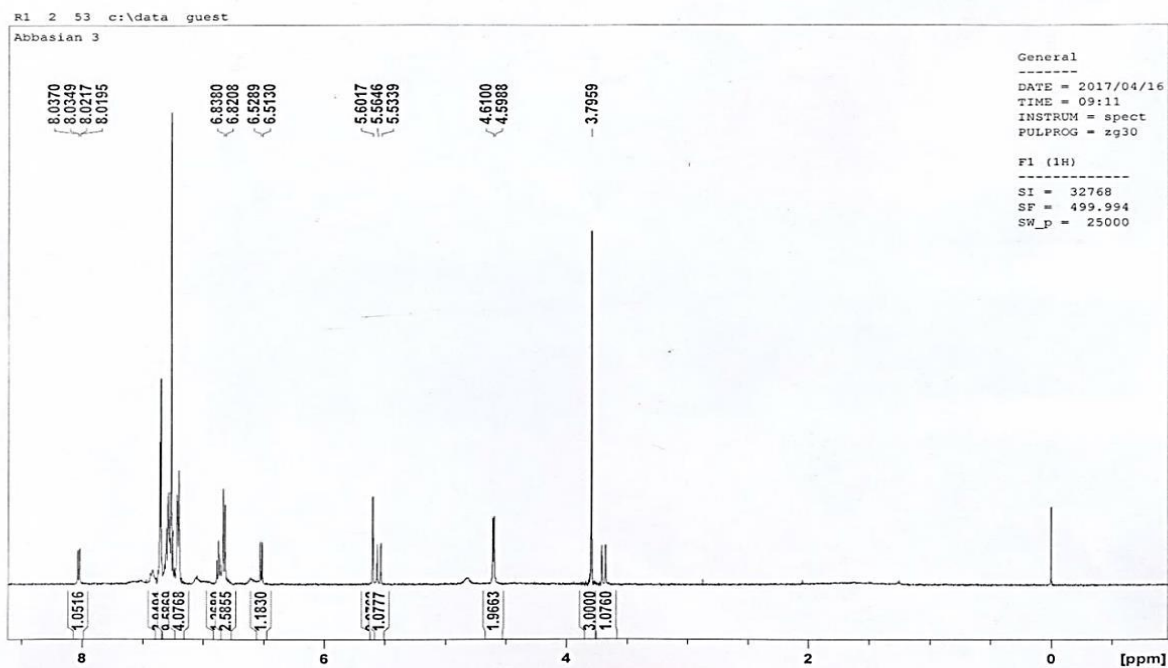
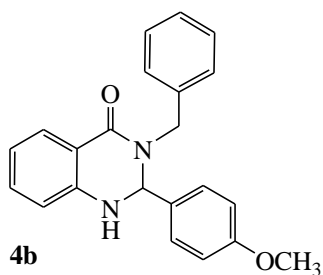
¹H, ¹³C NMR and some Mass spectra of compounds **4a-d** and **6a-j**. S2 – S27

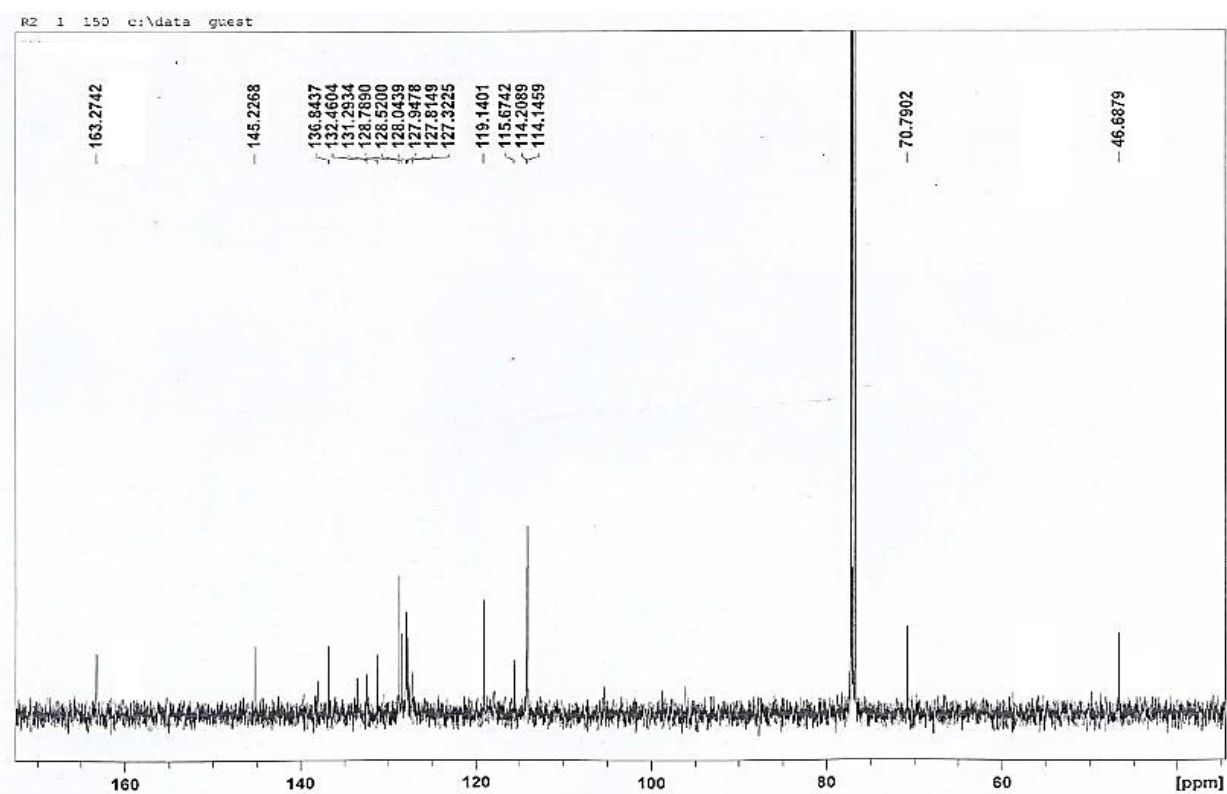
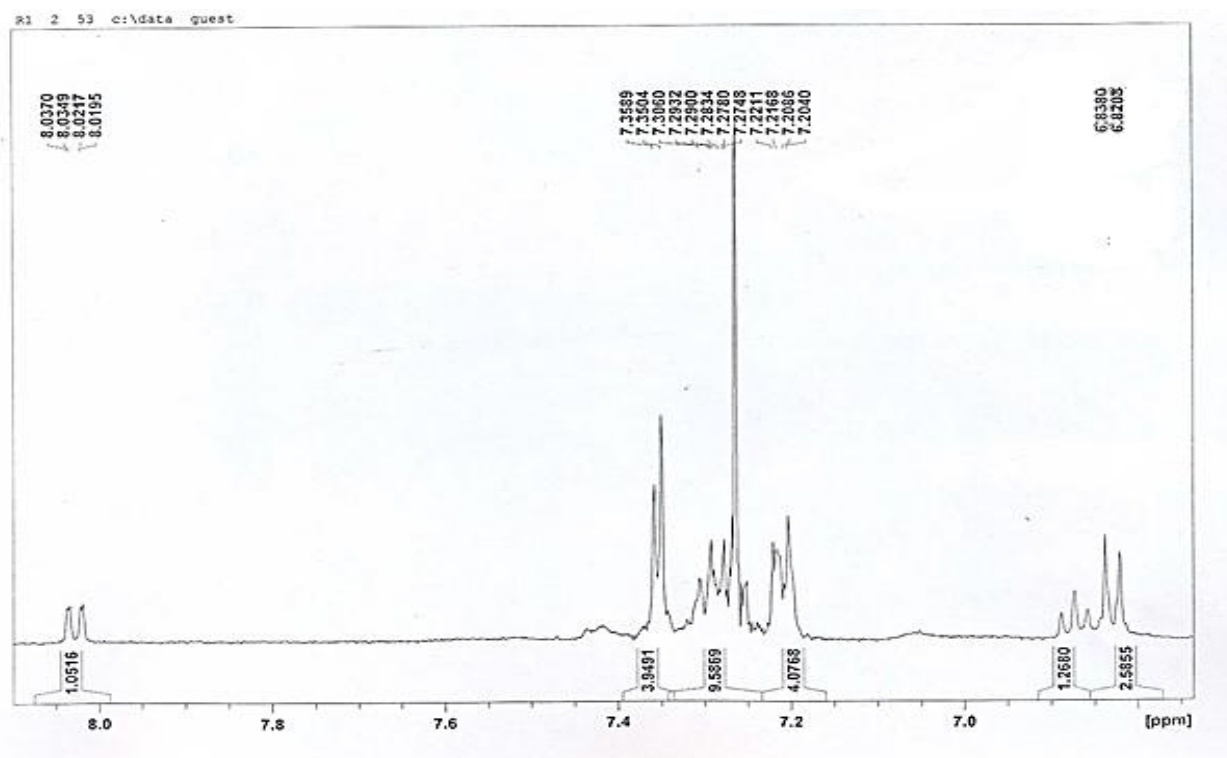
3-Benzyl-2-(4-chlorophenyl)-2,3-dihydroquinazolin-4(1H)-one (4a)



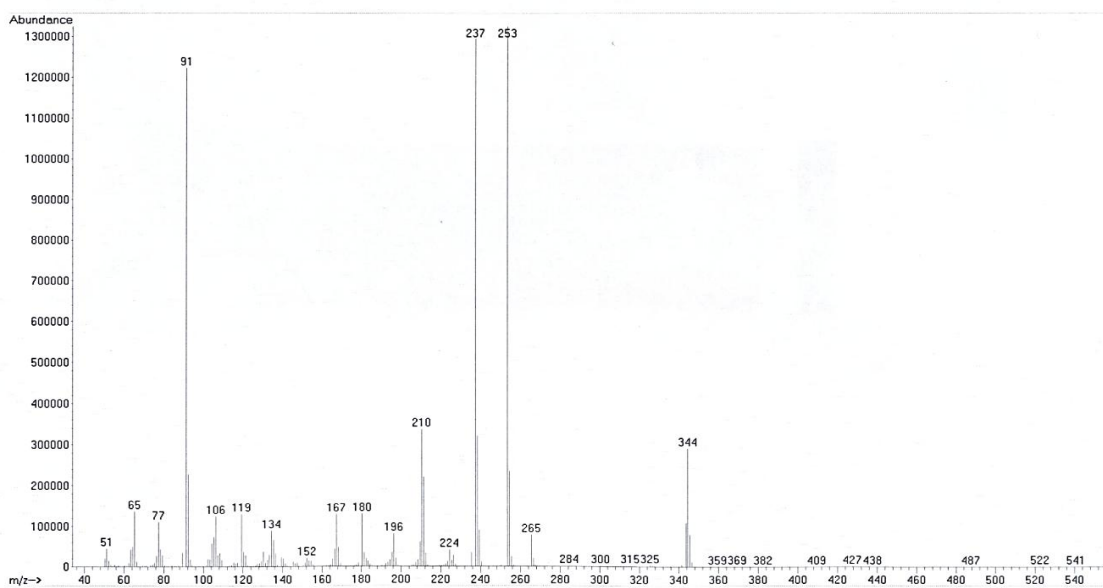


3-benzyl-2-(4-methoxy)-2,3-dihydroquinazolin-4(1H)-one (4b)

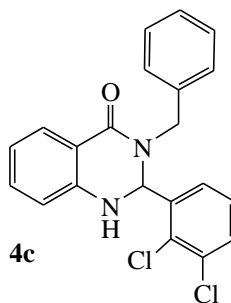


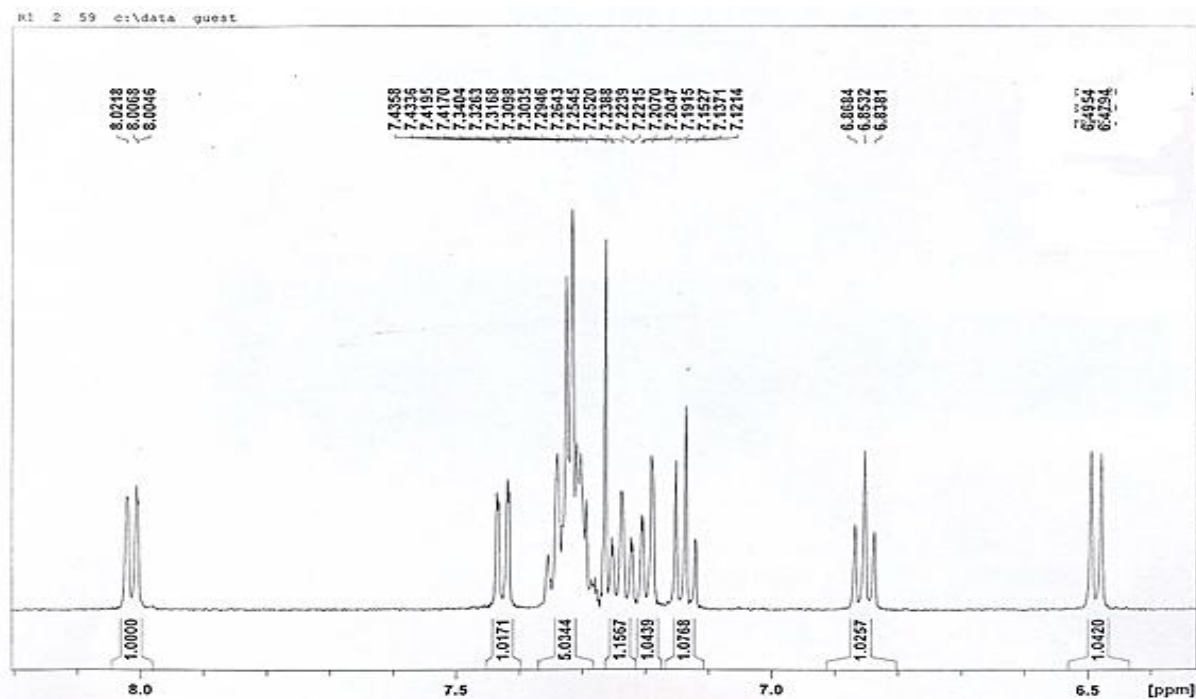
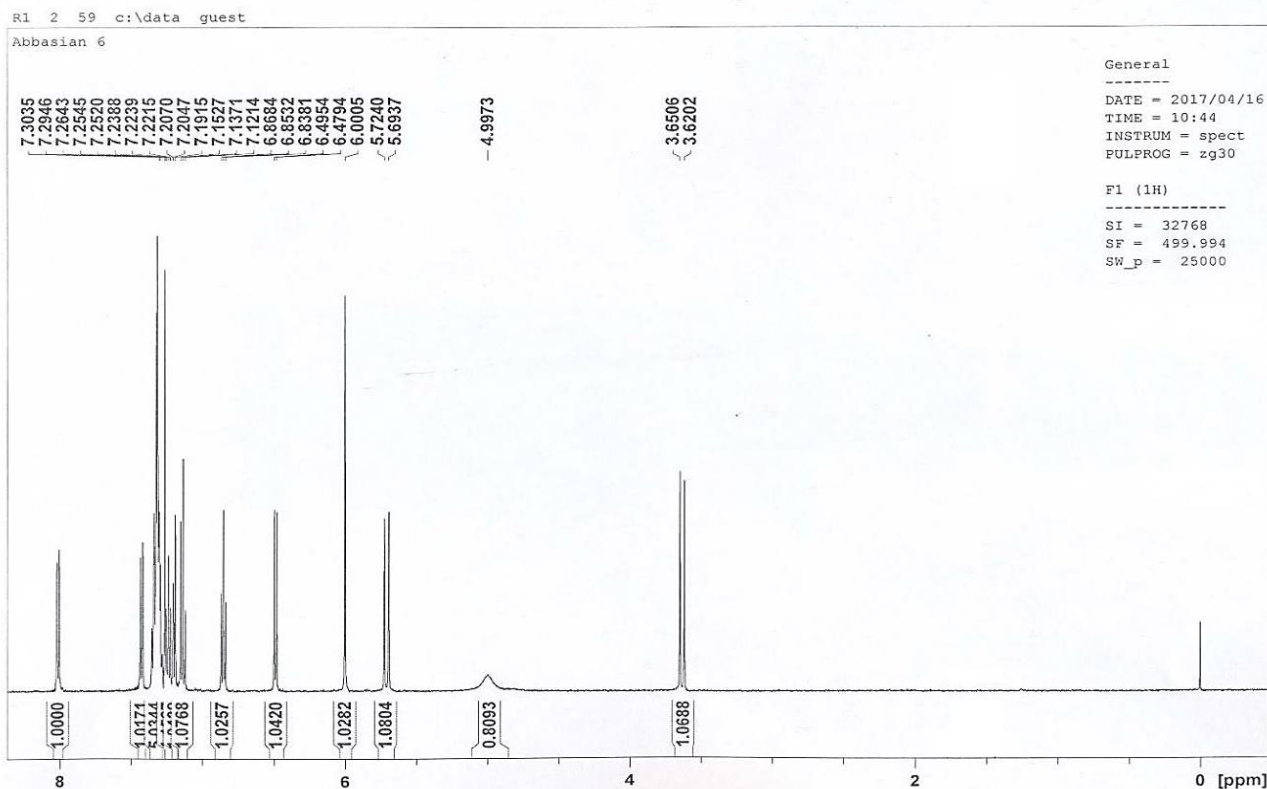


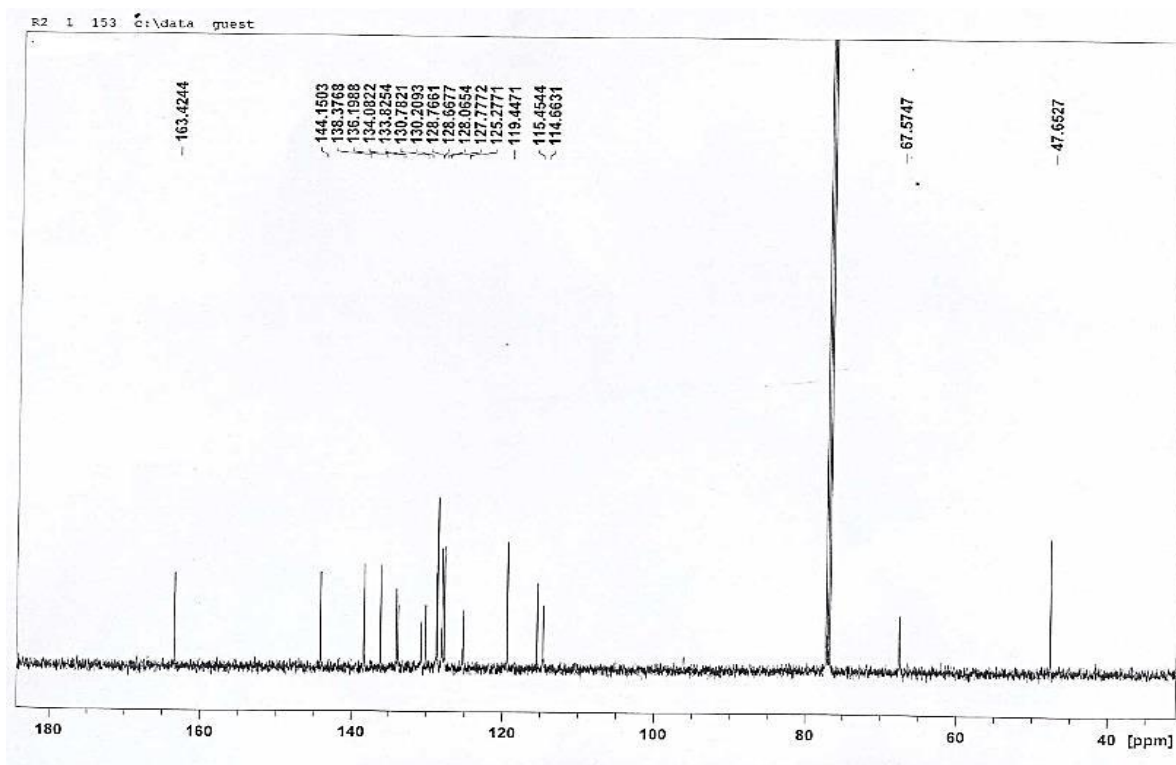
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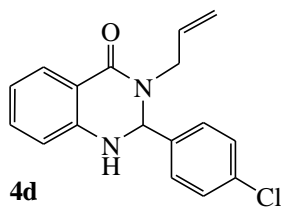
3-benzyl-2-(2,3-dichlorophenyl)-2,3-dihydroquinazolin-4(1H)-one (4c)

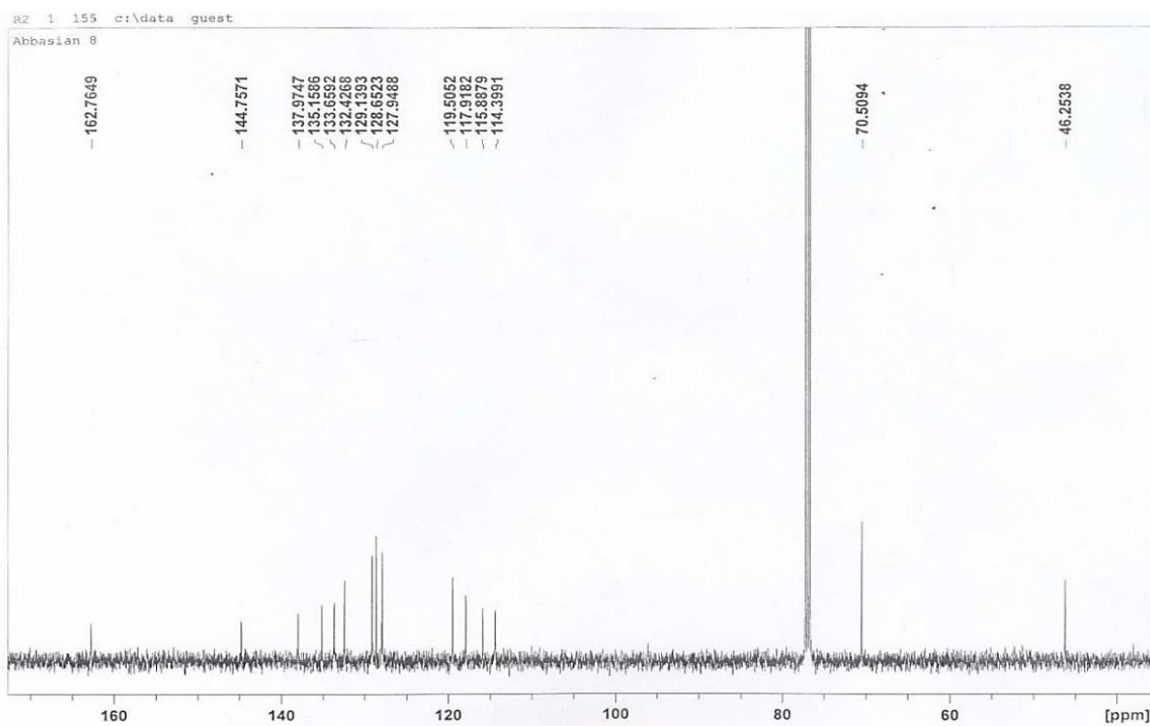
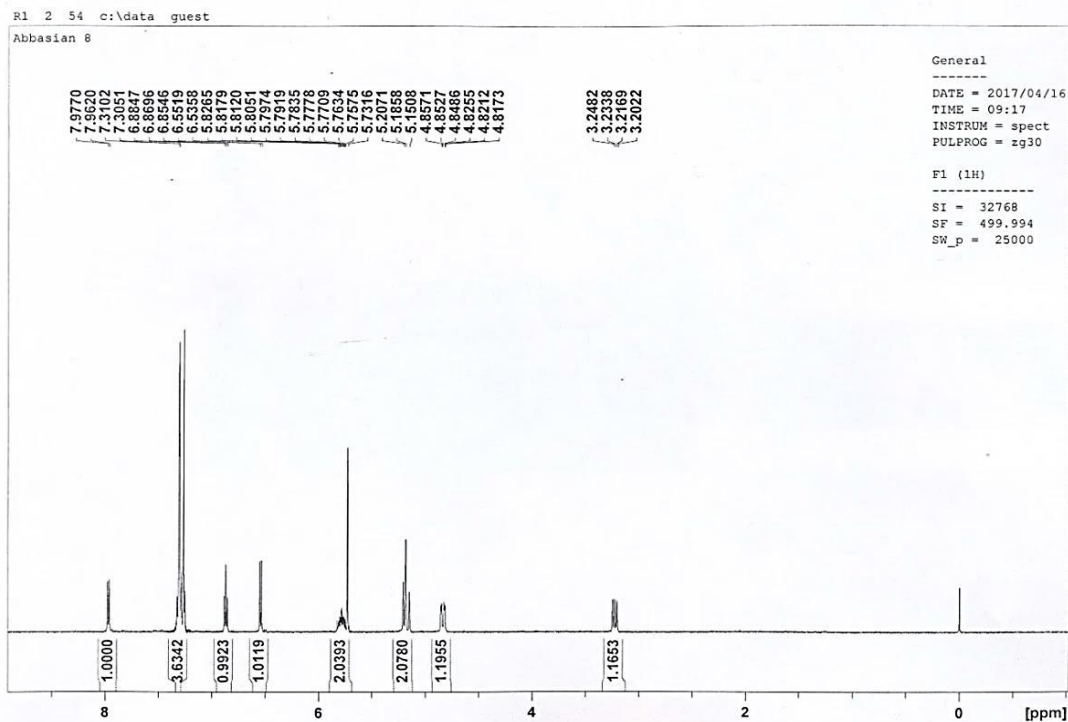




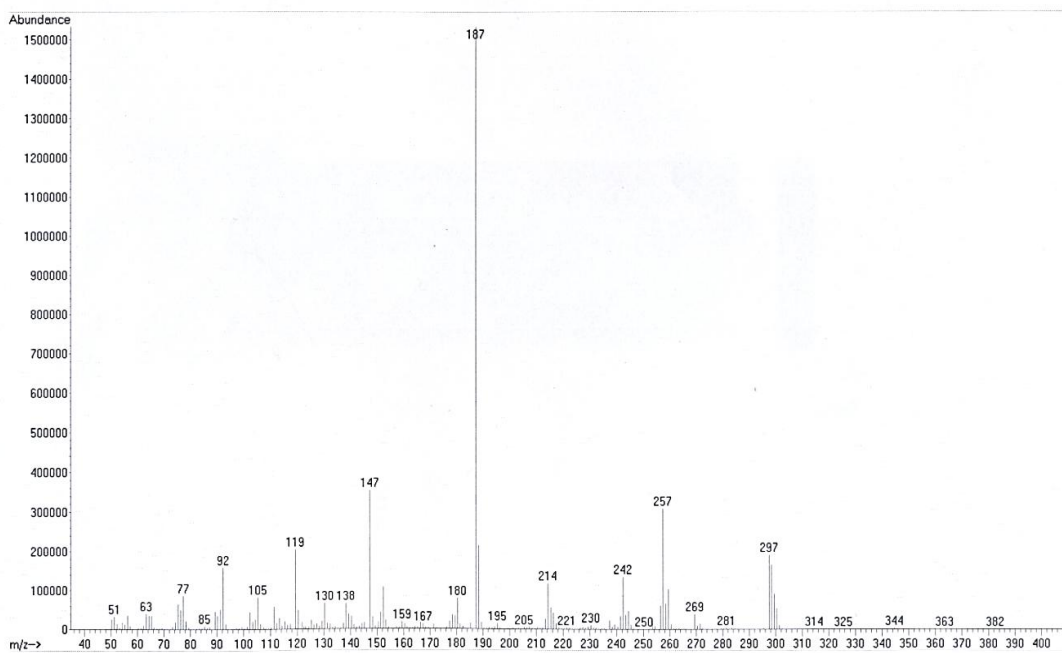


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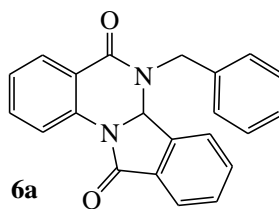


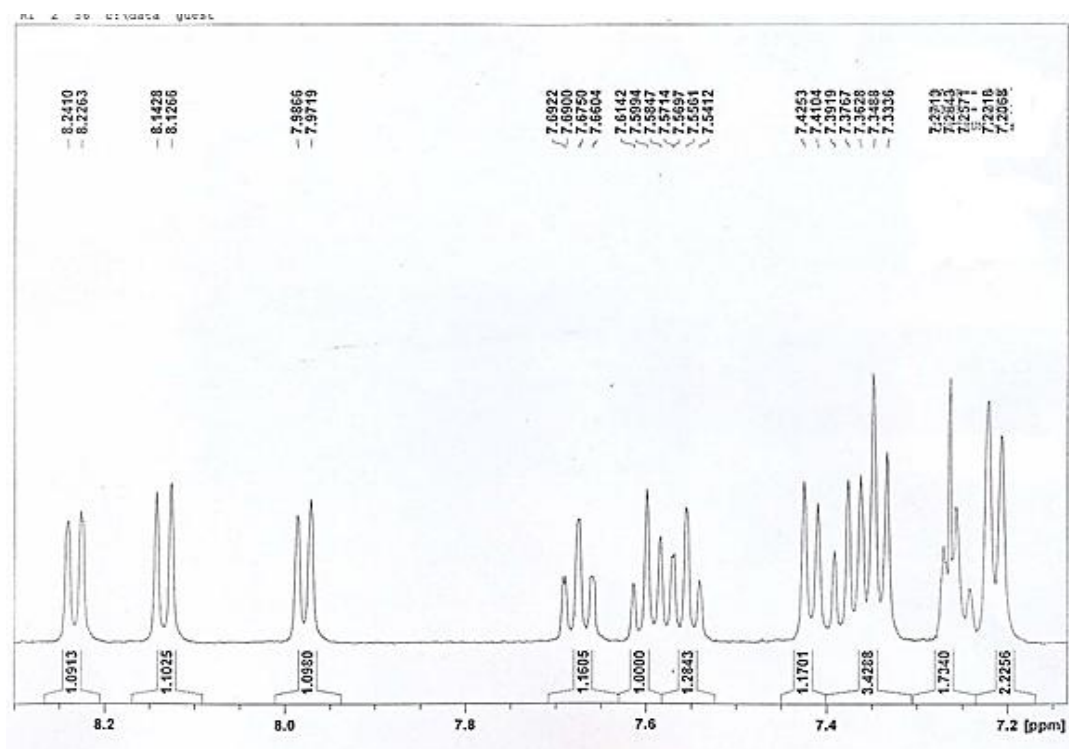
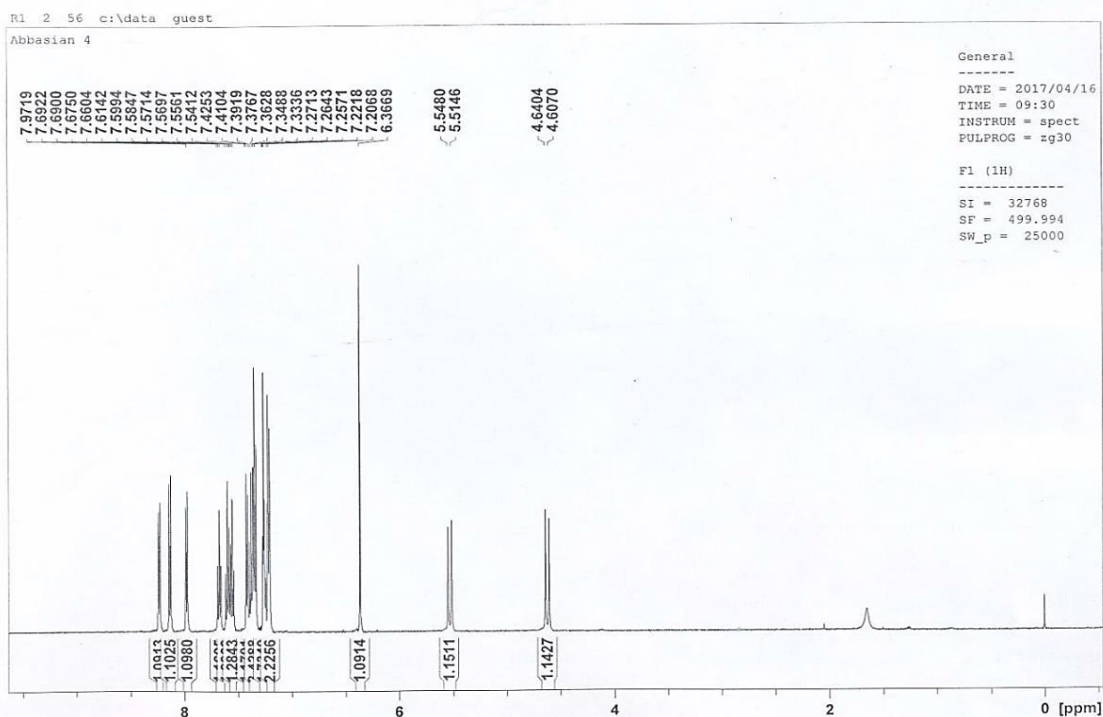


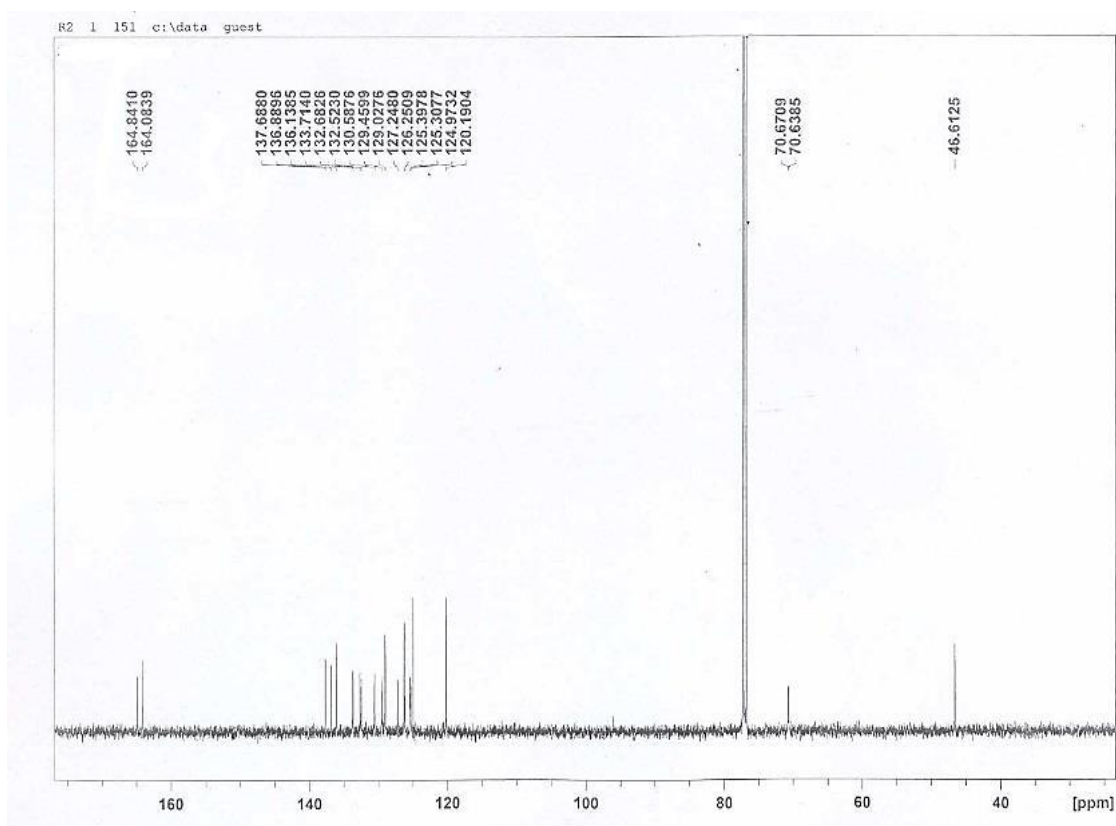
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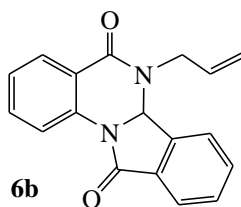
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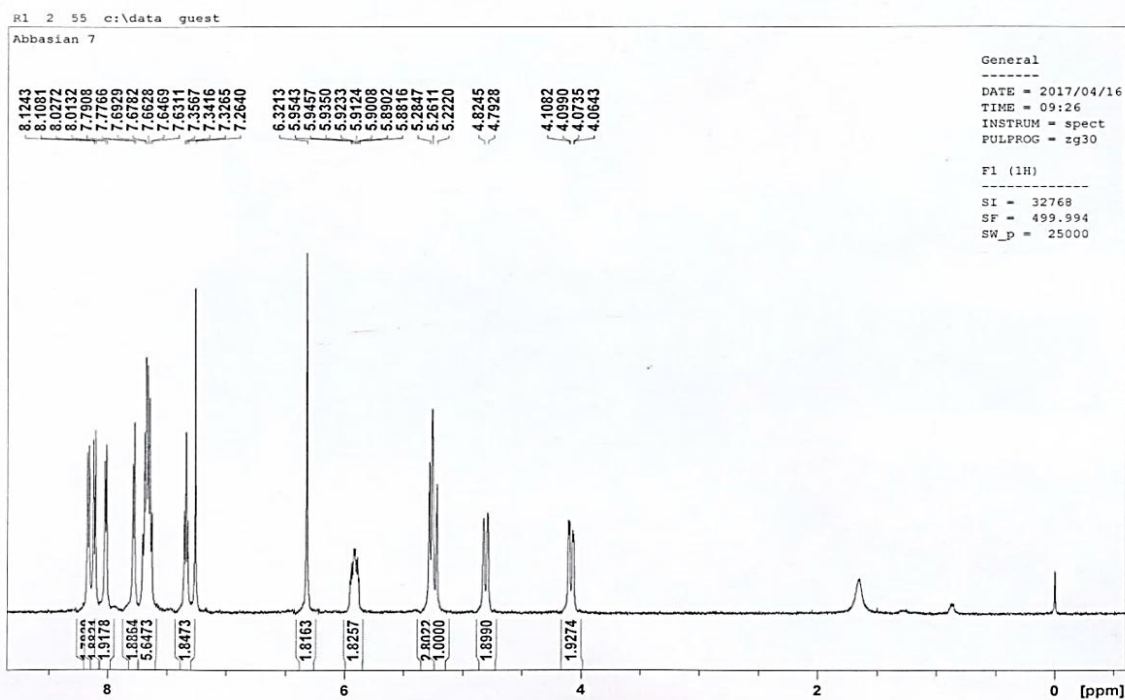
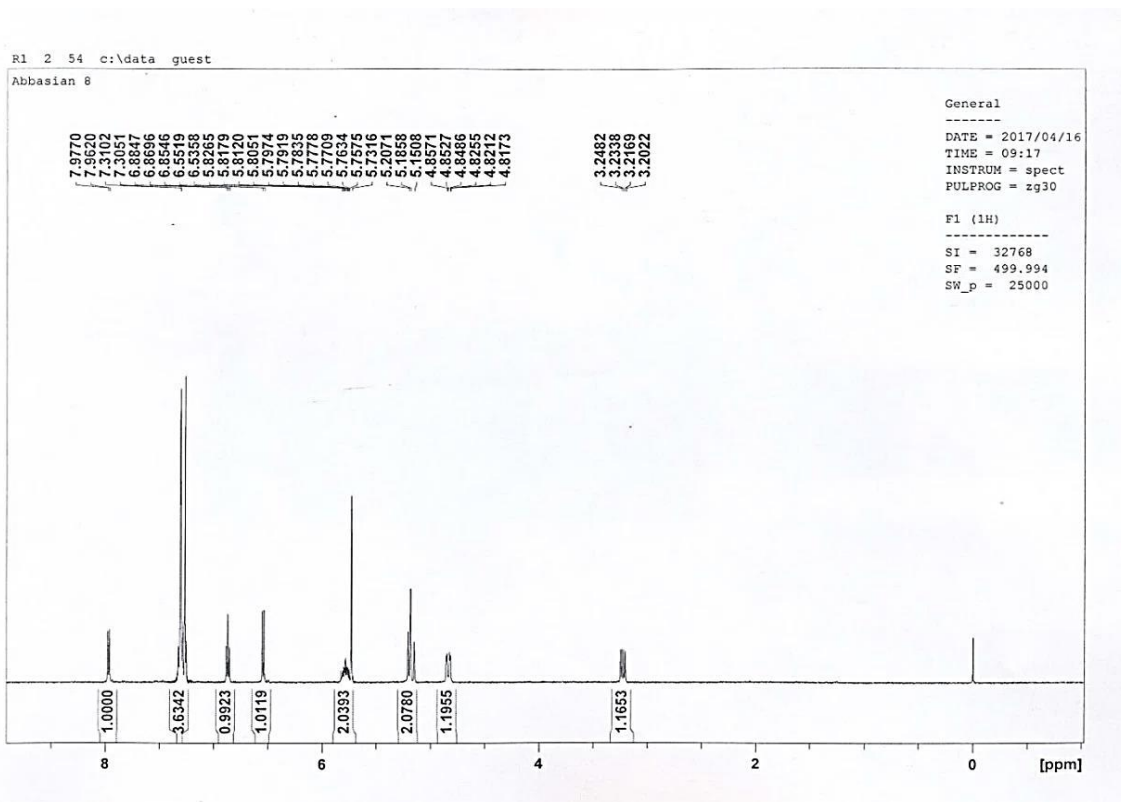


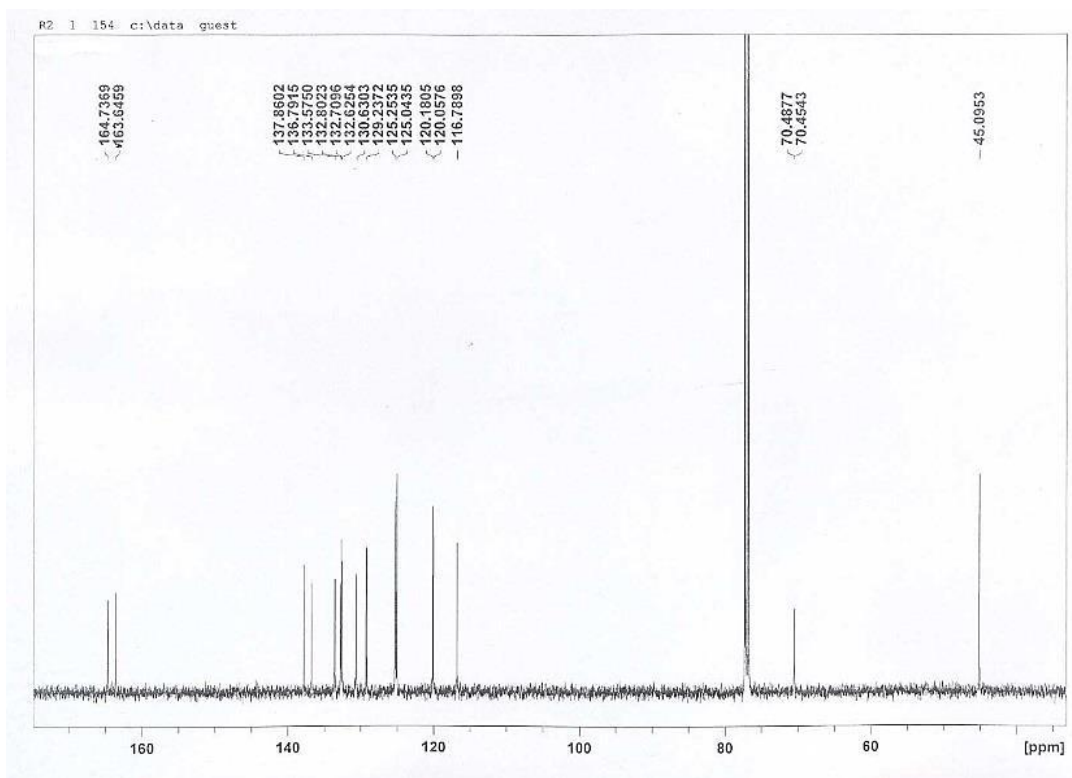
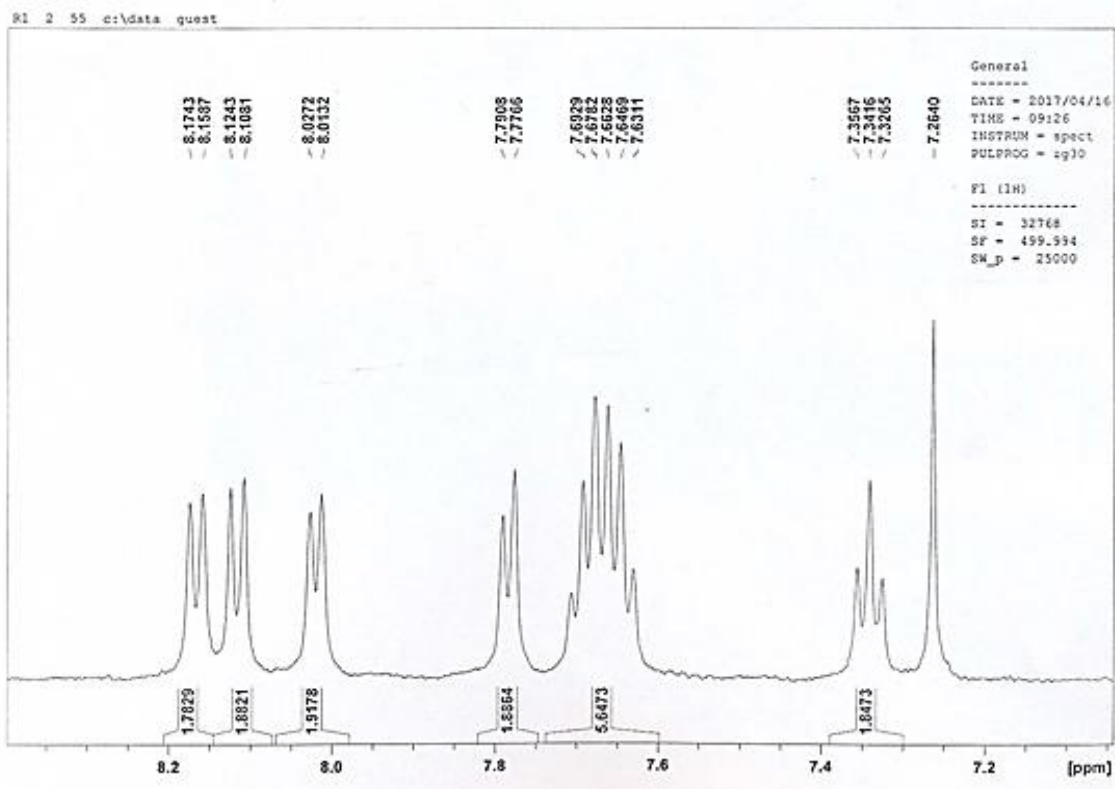




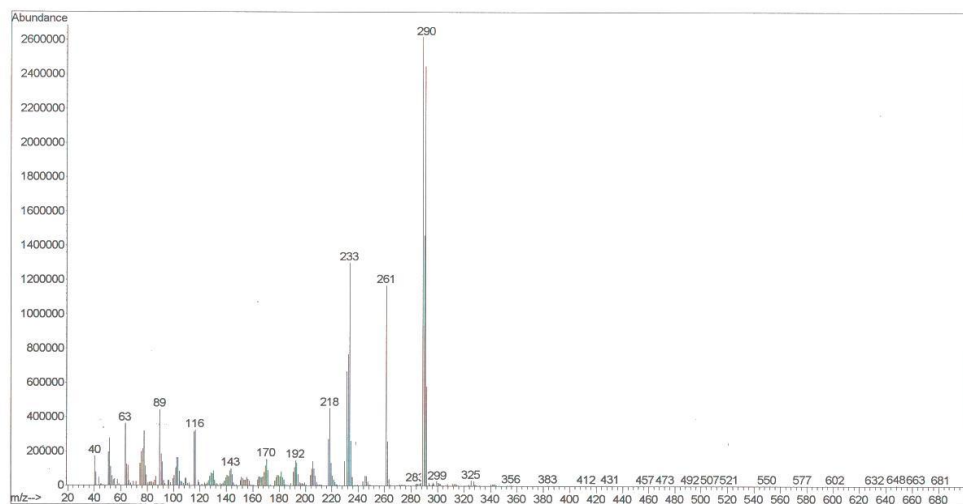
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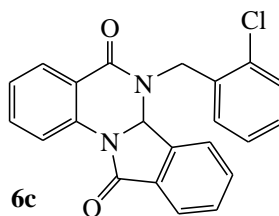


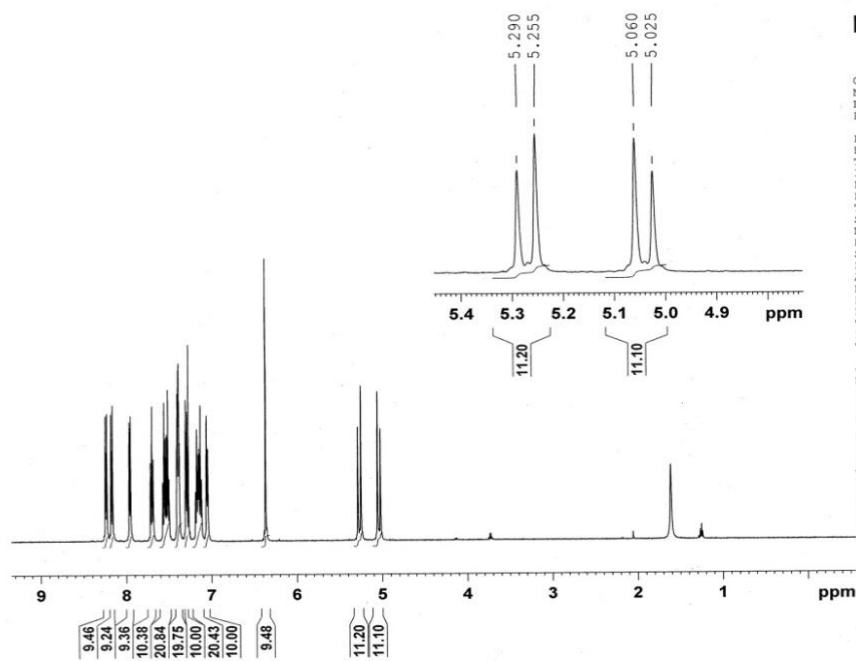


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6-(2-Chlorobenzyl)-6,6a-dihydroisindolo[2,1-a]quinazoline-5,11-dione (6c)



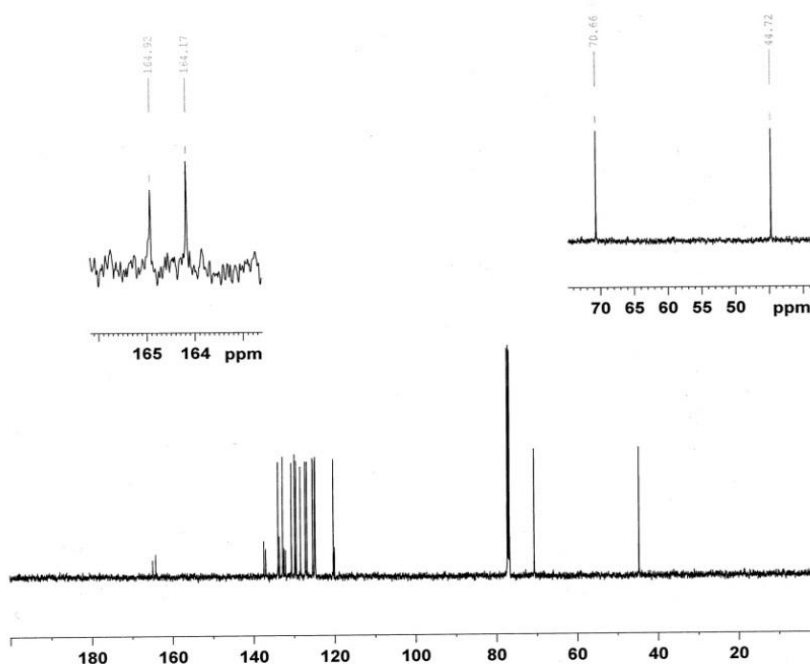


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 SOLVENT CDCl₃
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 RG 32
 DW 50.000 usec
 DE 6.50 usec
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 D1 1.0000000 sec
 TD0 1

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 PL1 3.00 dB
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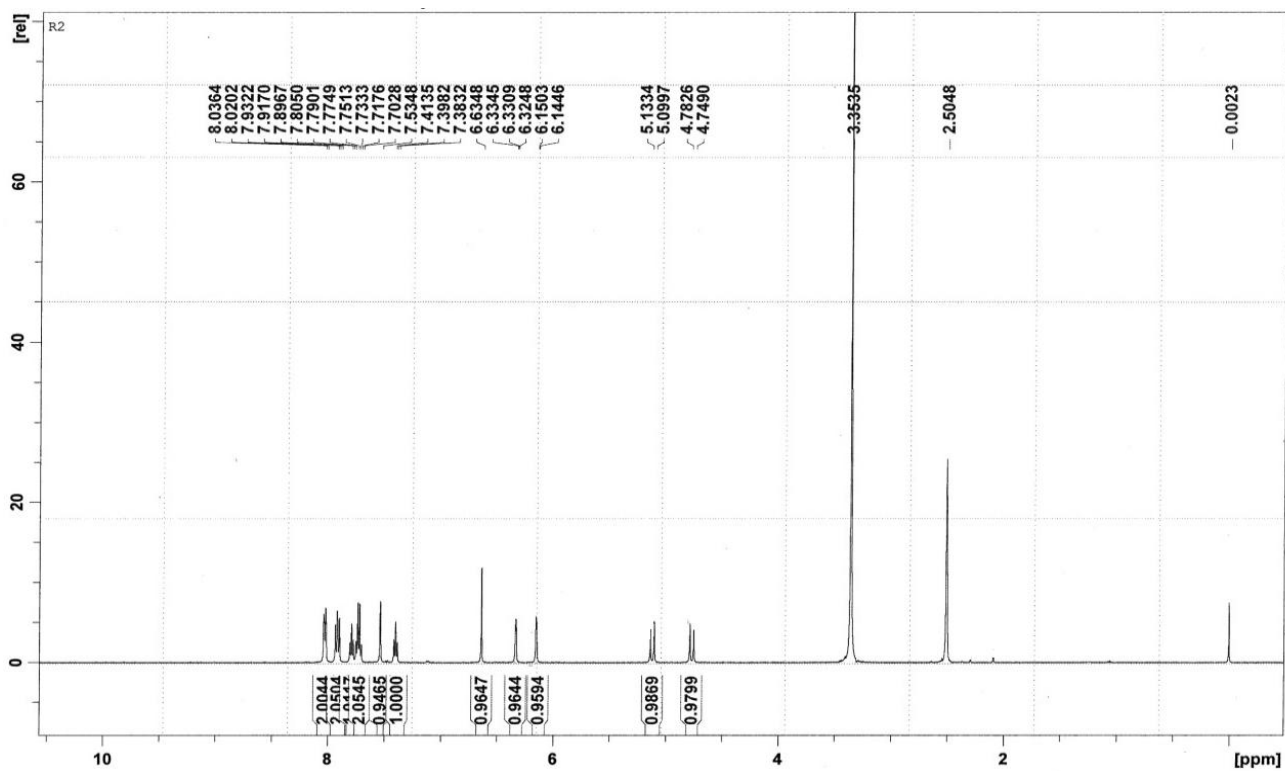
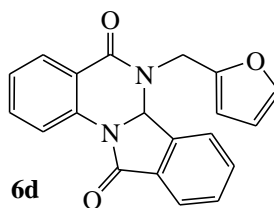
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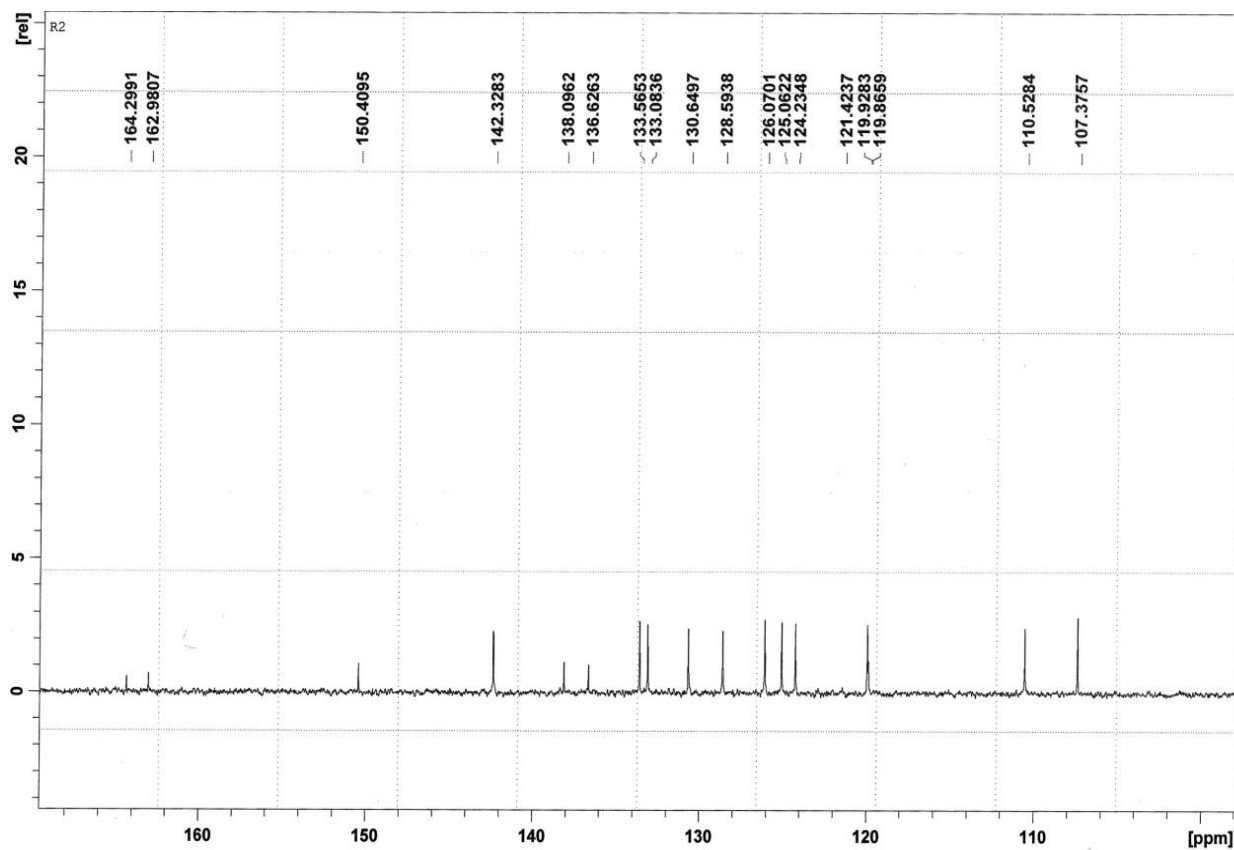
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 D1 3.0000000 sec
 d11 0.0300000 sec
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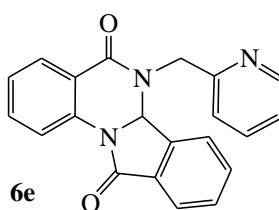
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 PL13 18.50 dB
 PL2 -1.00 dB
 SFO2 500.1335009 MHz

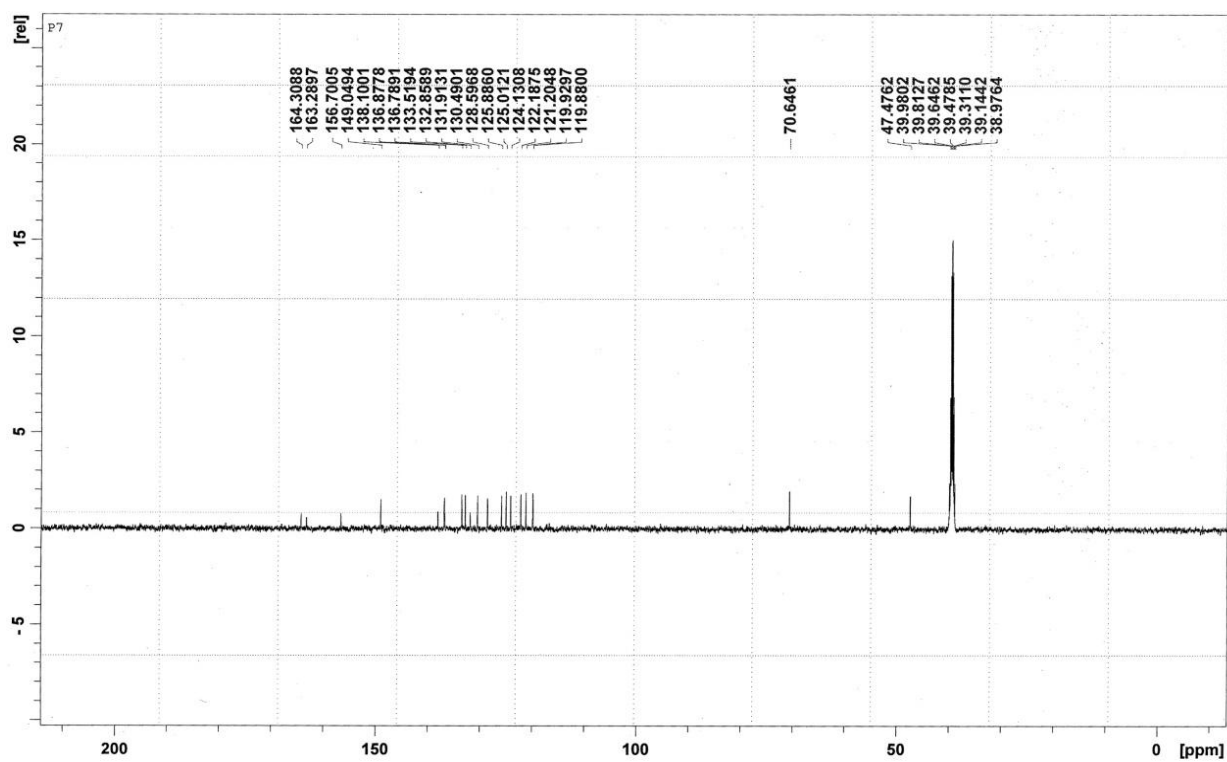
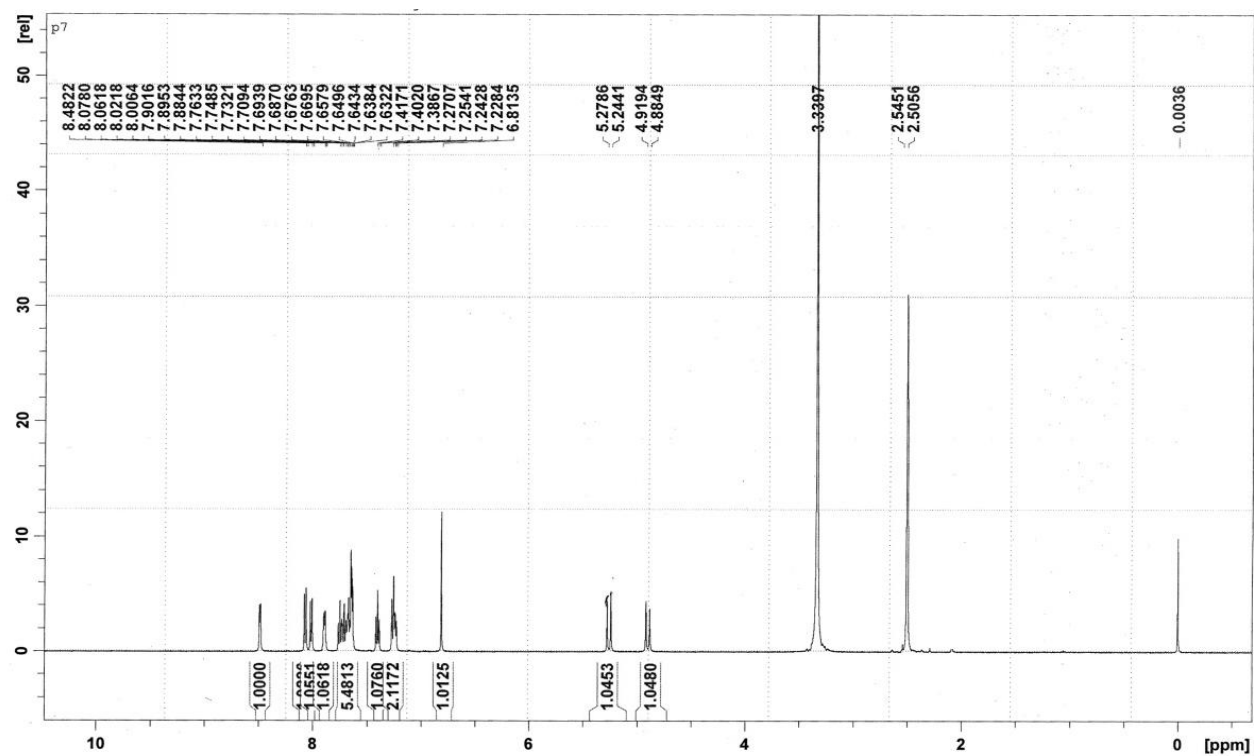
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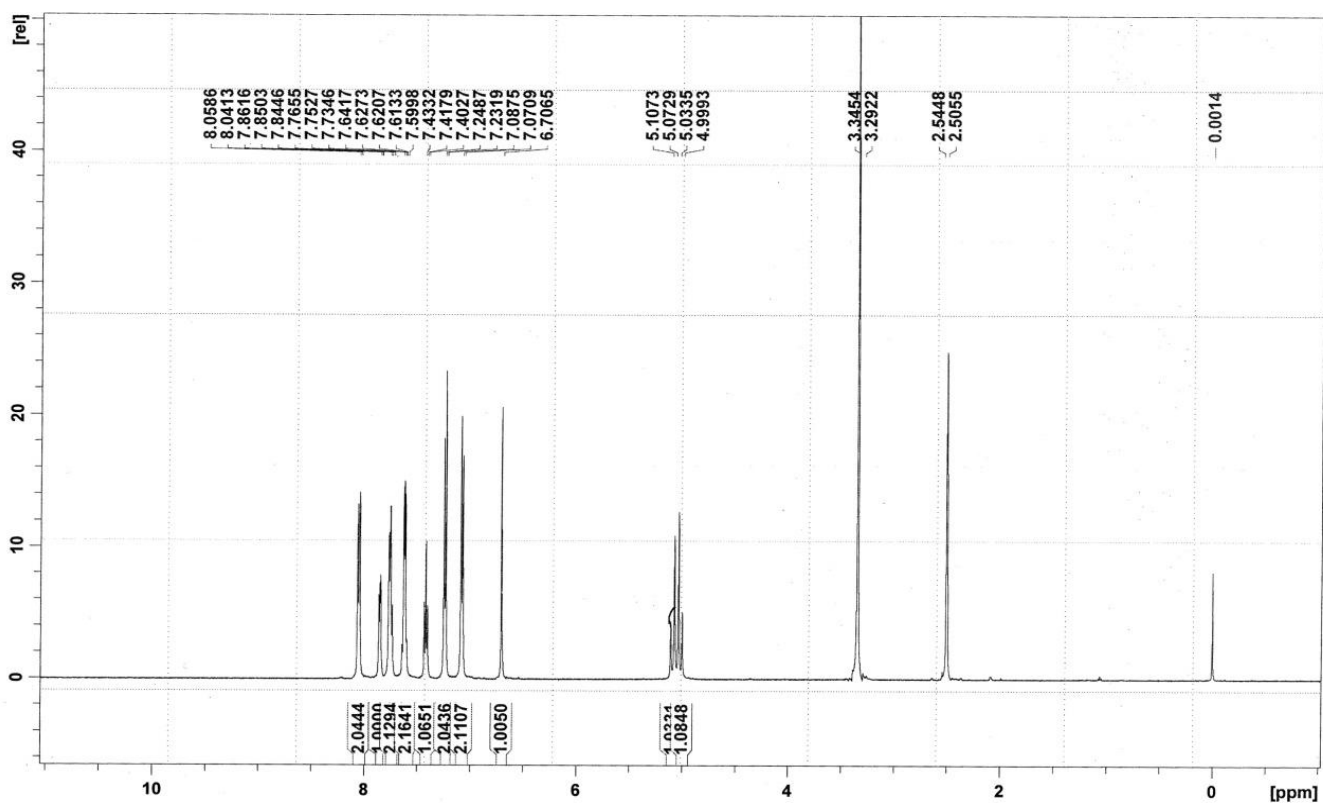
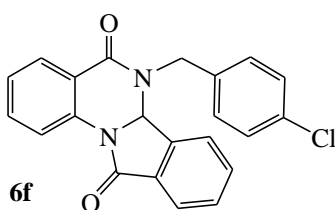


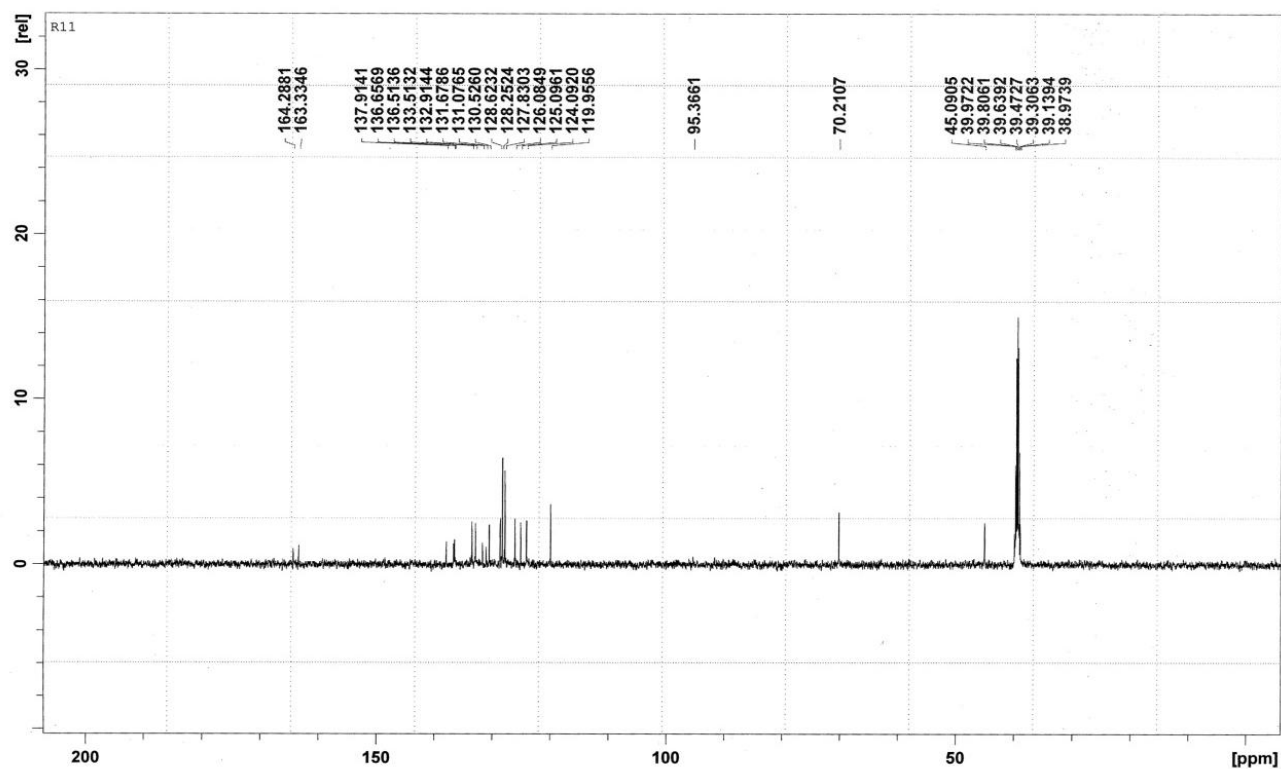
6,6a-Dihydro-6-(pyridin-2-ylmethyl)isoindolo[2,1-a]quinazoline-5,11-dione (6e)



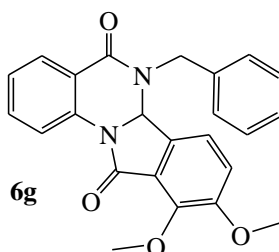


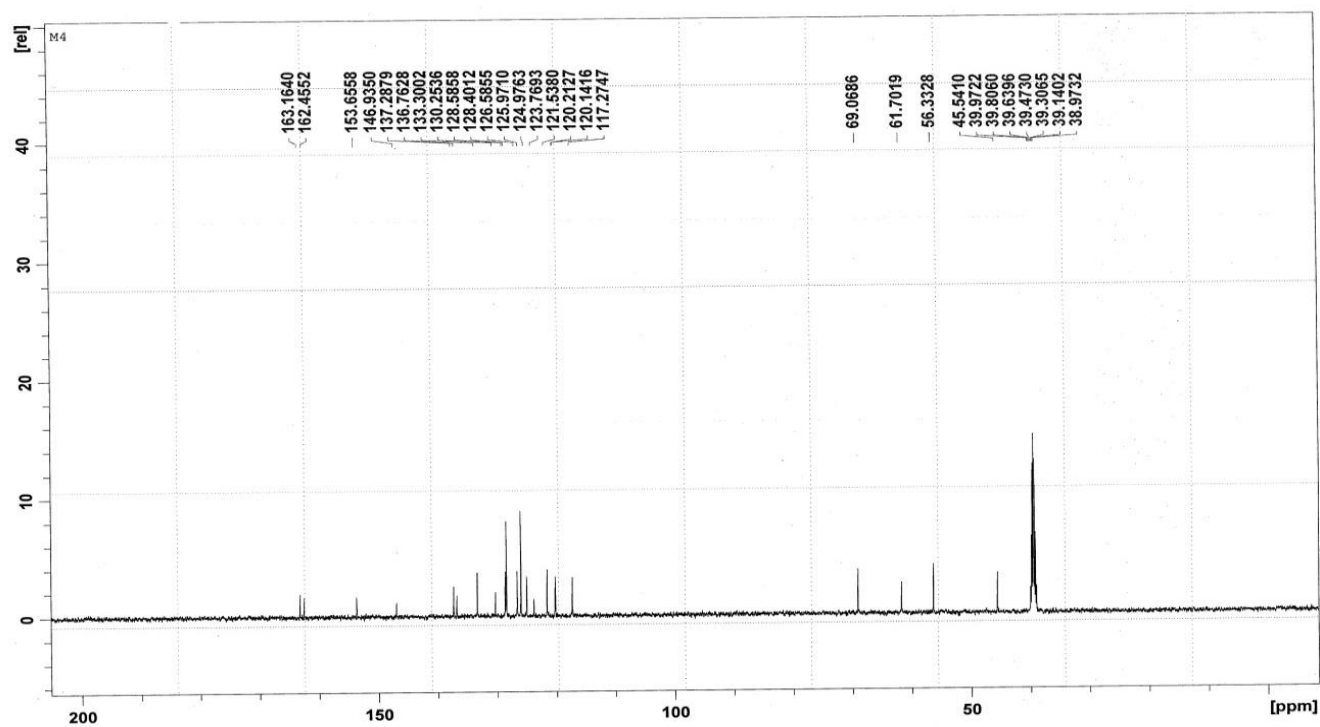
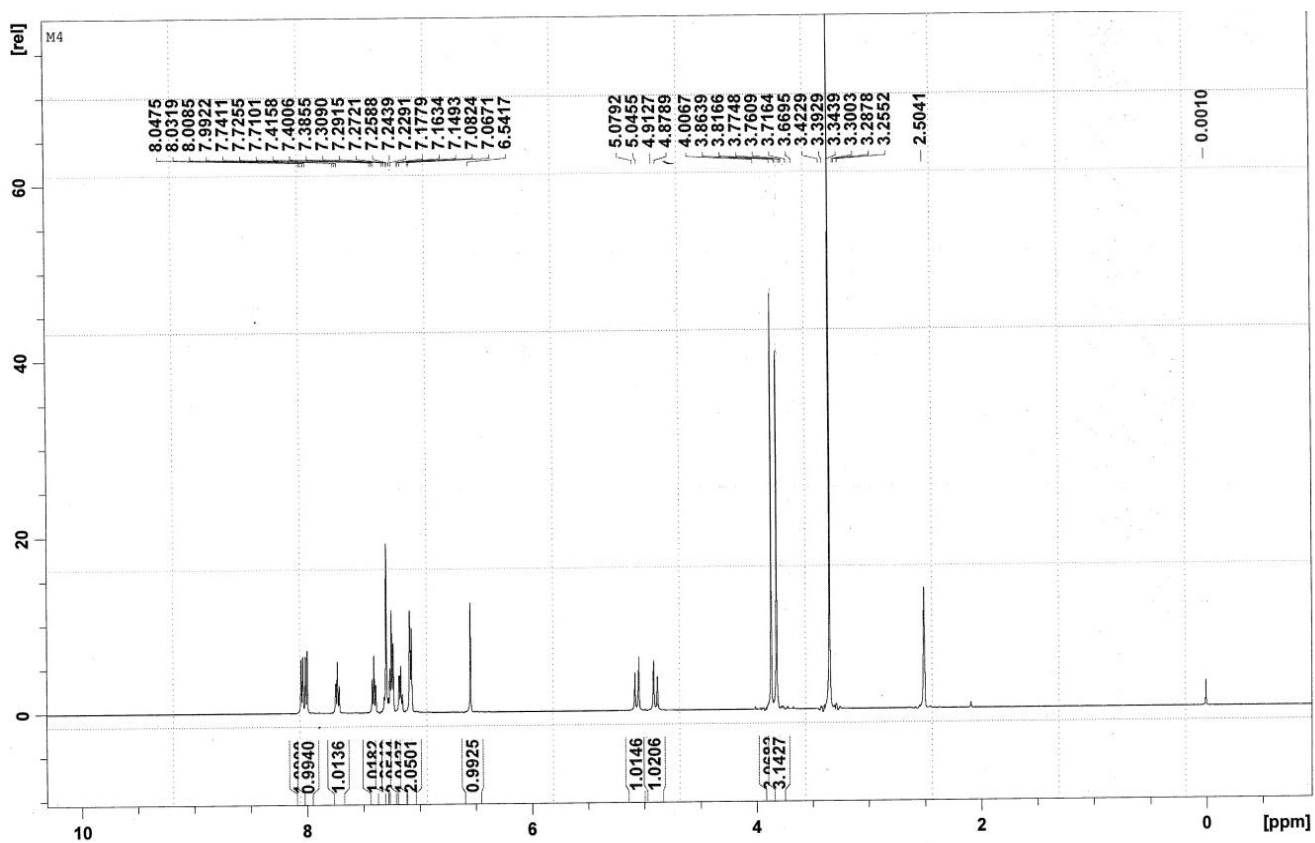
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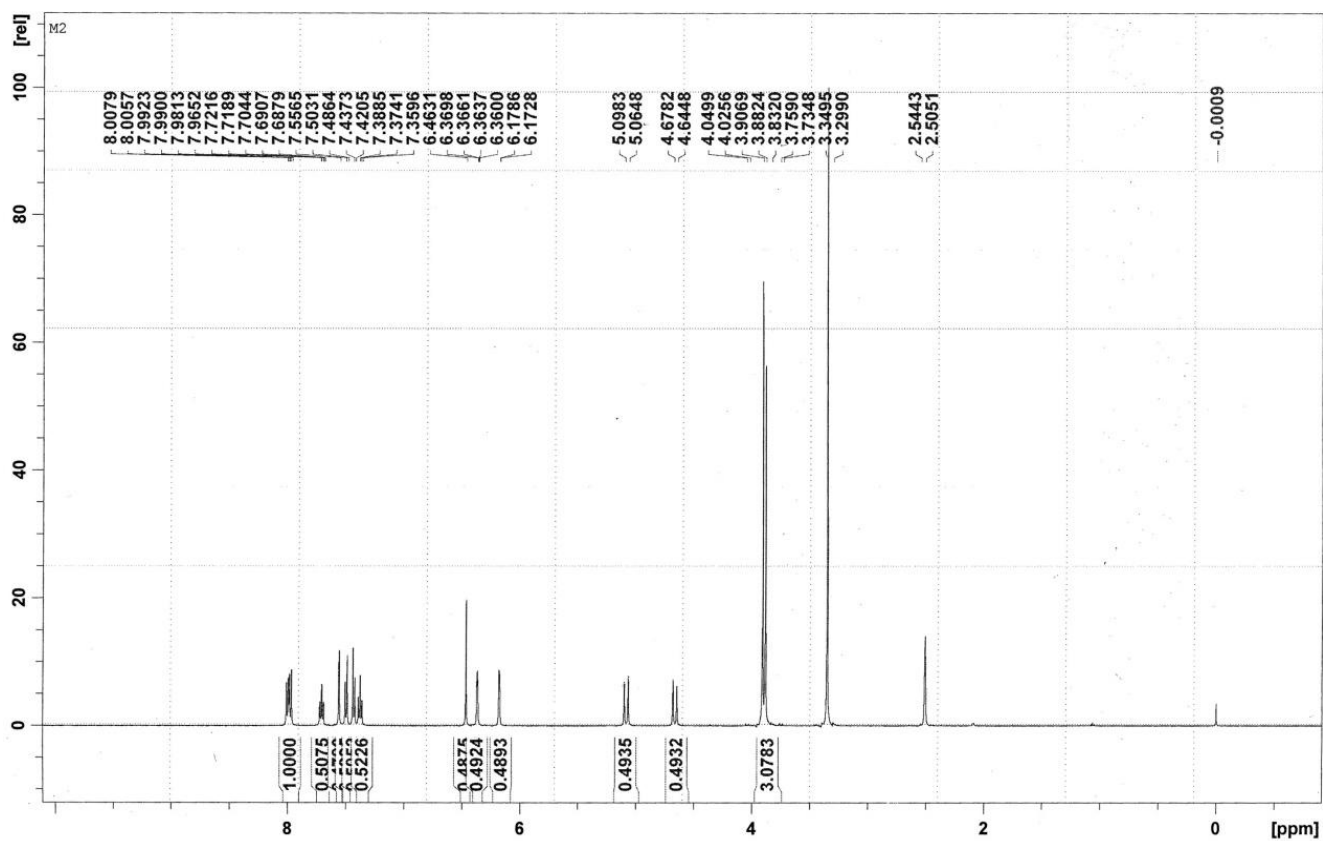
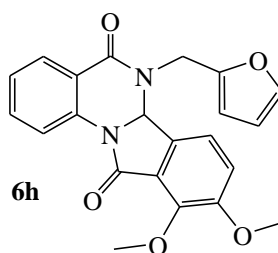


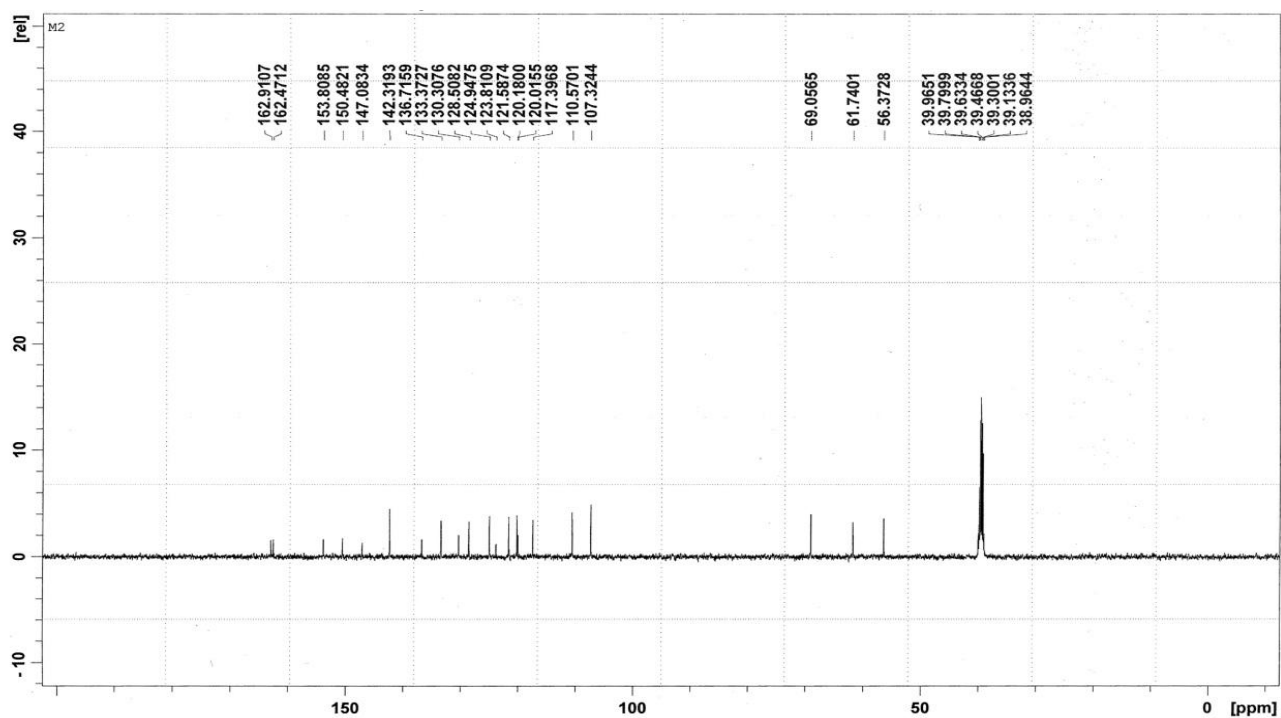


6-Benzyl-6,6a-dihydro-9,10-dimethoxyisoindolo[2,1-a]quinazoline-5,11-dione (6g)

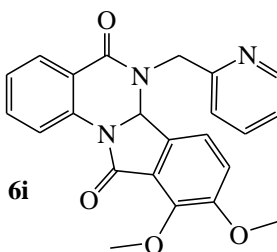


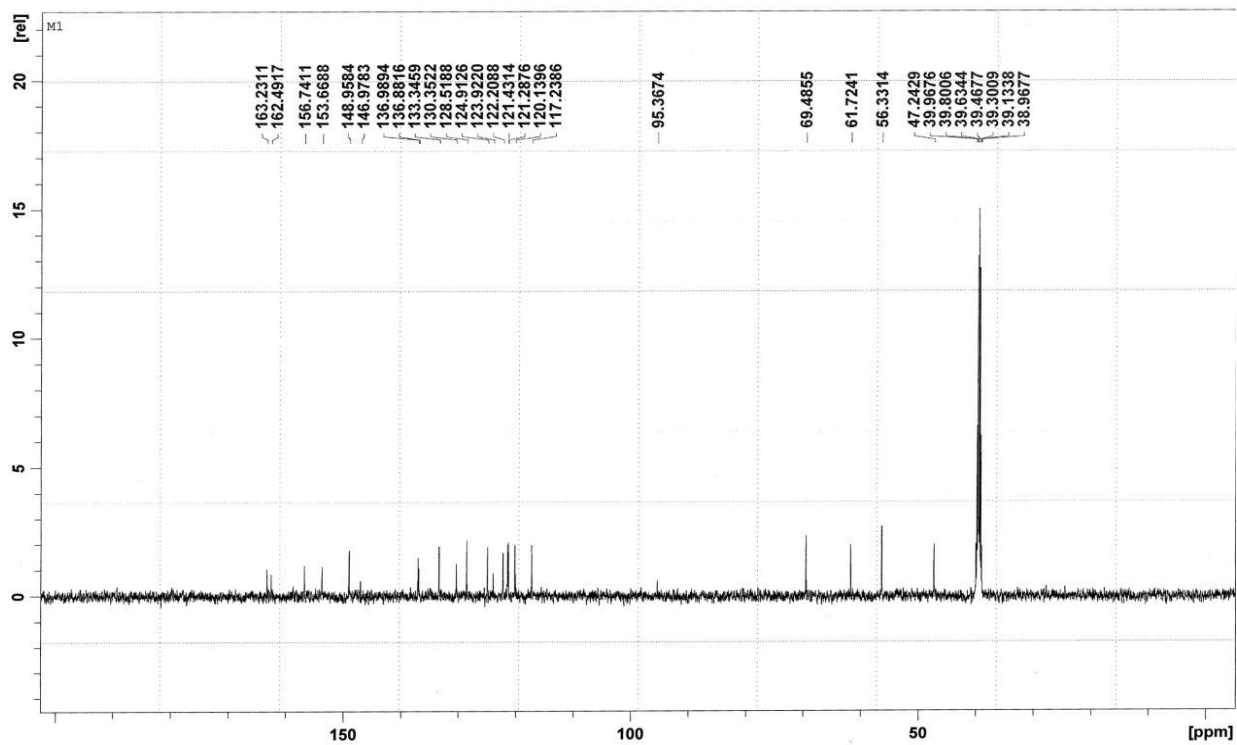
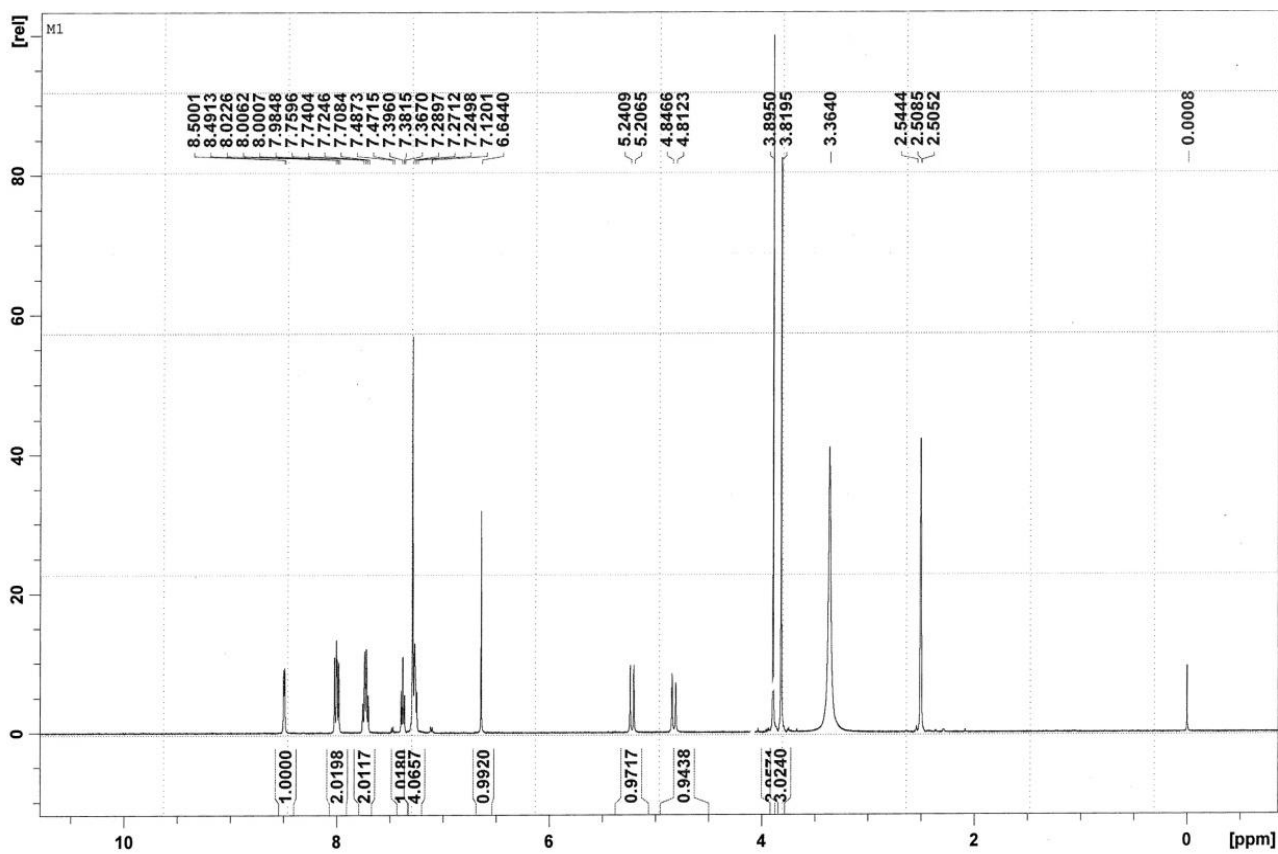


6-(Furan-2-ylmethyl)-6,6a-dihydro-9,10-dimethoxyisoindolo[2,1-a]quinazoline-5,11-dione (6h)



6,6a-Dihydro-9,10-dimethoxy-6-(pyridin-2-ylmethyl)isoindolo[2,1-a]quinazoline-5,11-dione (6i)





6-(4-Chlorobenzyl)-6,6a-dihydro-9,10-dimethoxyisoindolo[2,1-a]quinazoline-5,11-dione (6j)