

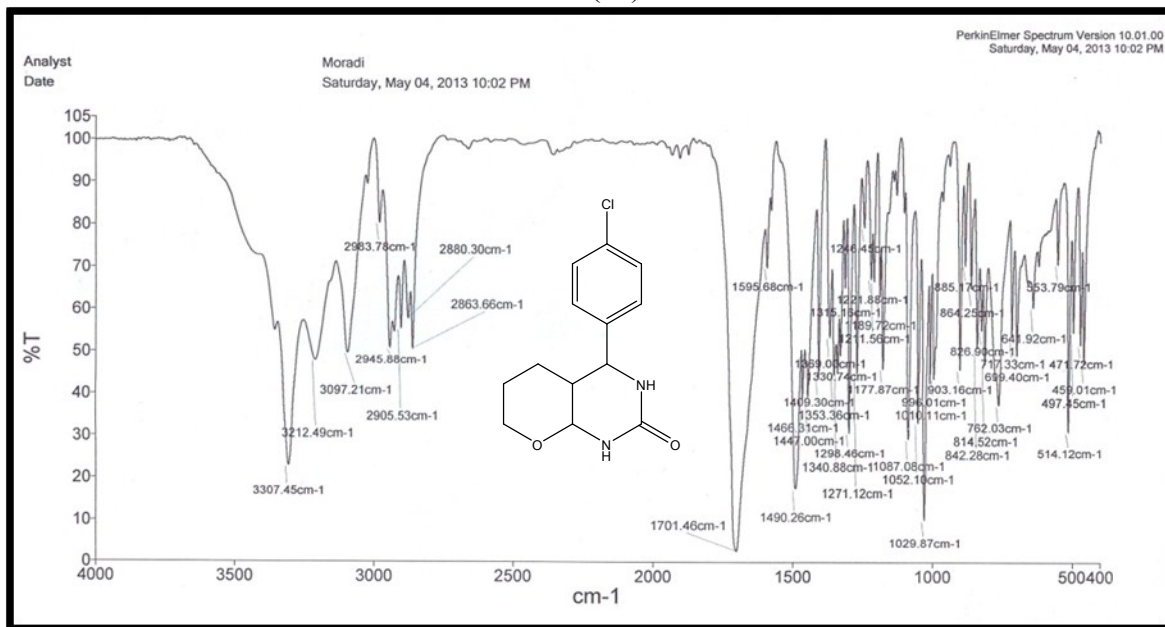
**Poly(*N*-bromo-*N*-ethyl-benzene-1,3-disulfonamide) and *N,N,N',N'*-
tetrabromobenzene-1,3-disulfonamide as new efficient reagents for one-pot
synthesis of pyrano and furano pyrimidinones (thiones)**

Supporting Information

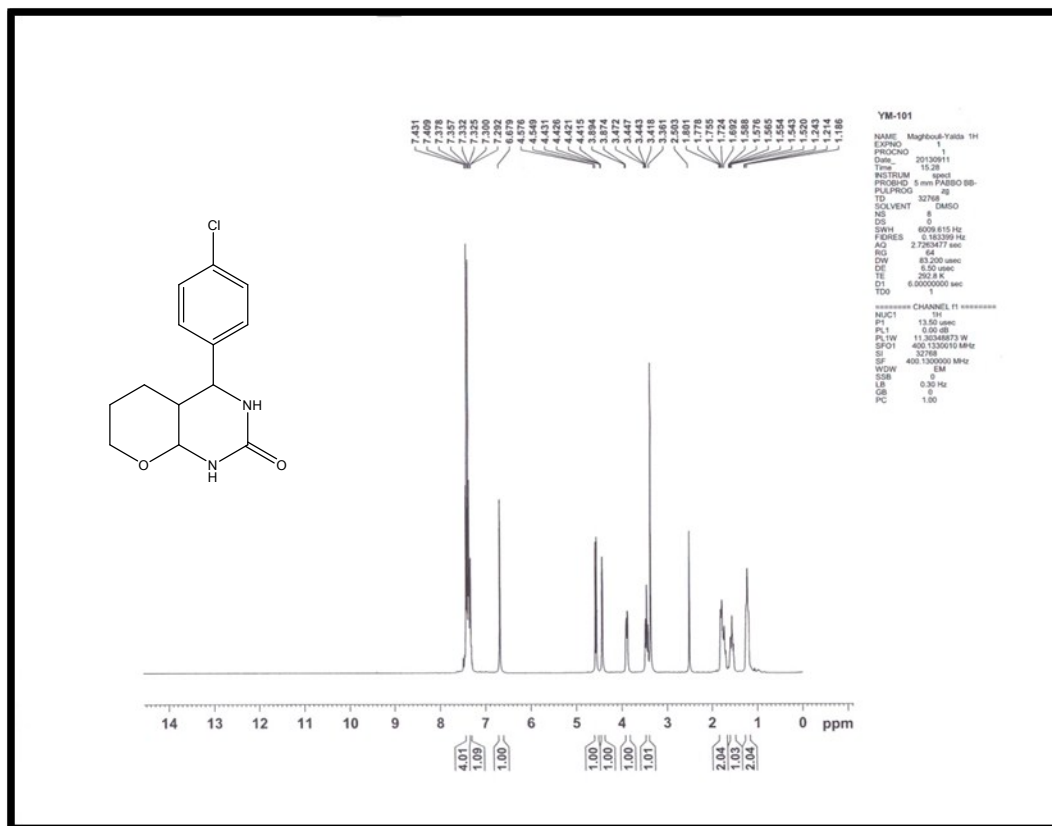
**Ramin Ghorbani-Vaghei,* Yaser Maghbooli, Jafar Mahmoodi and Azadeh
Shahriari**

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65174, Hamedan, Iran.
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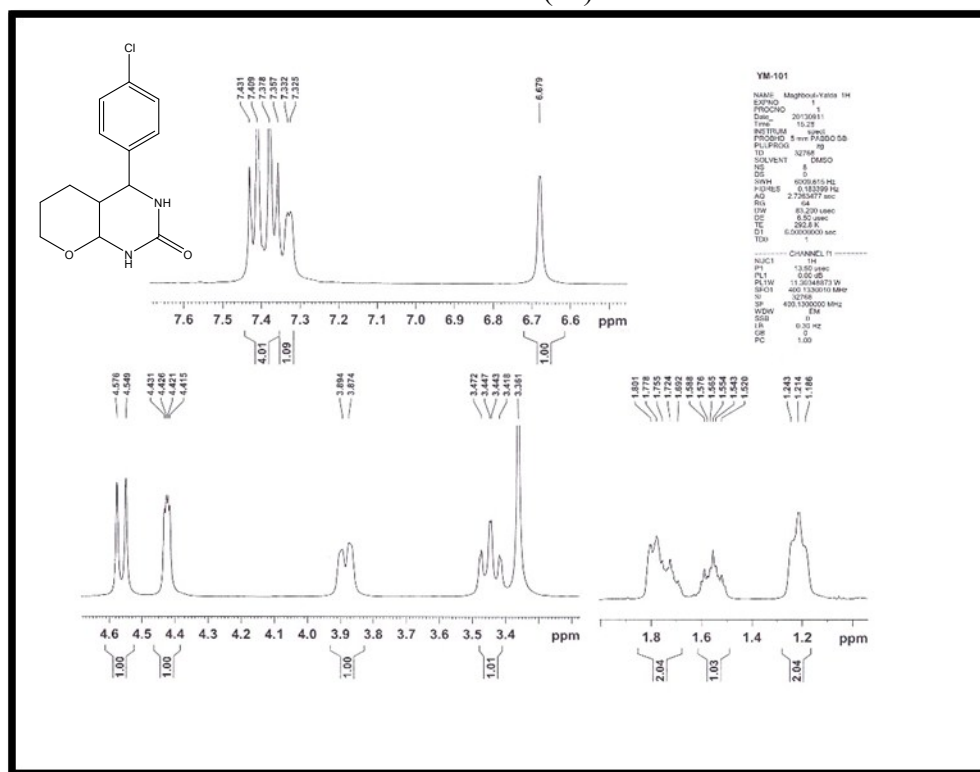
IR (4a)



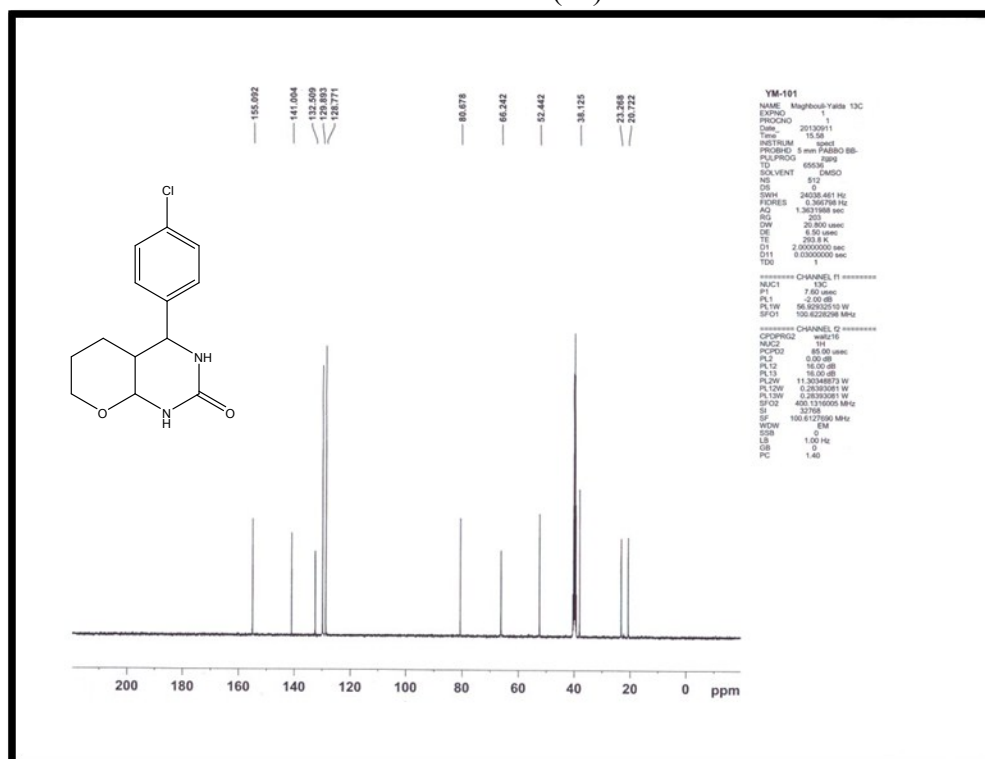
¹H NMR (4a)



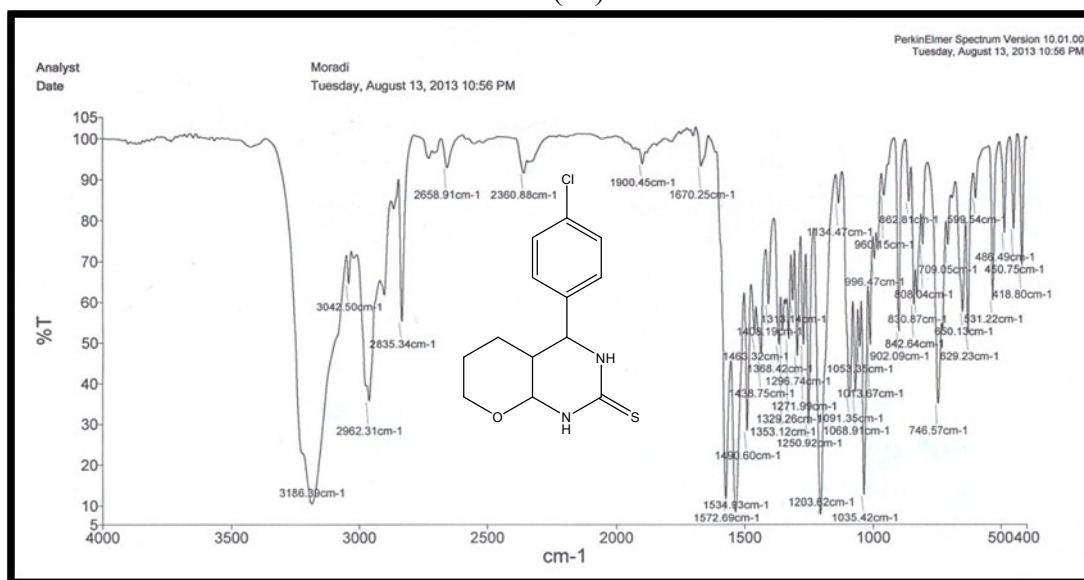
¹H NMR (4a)



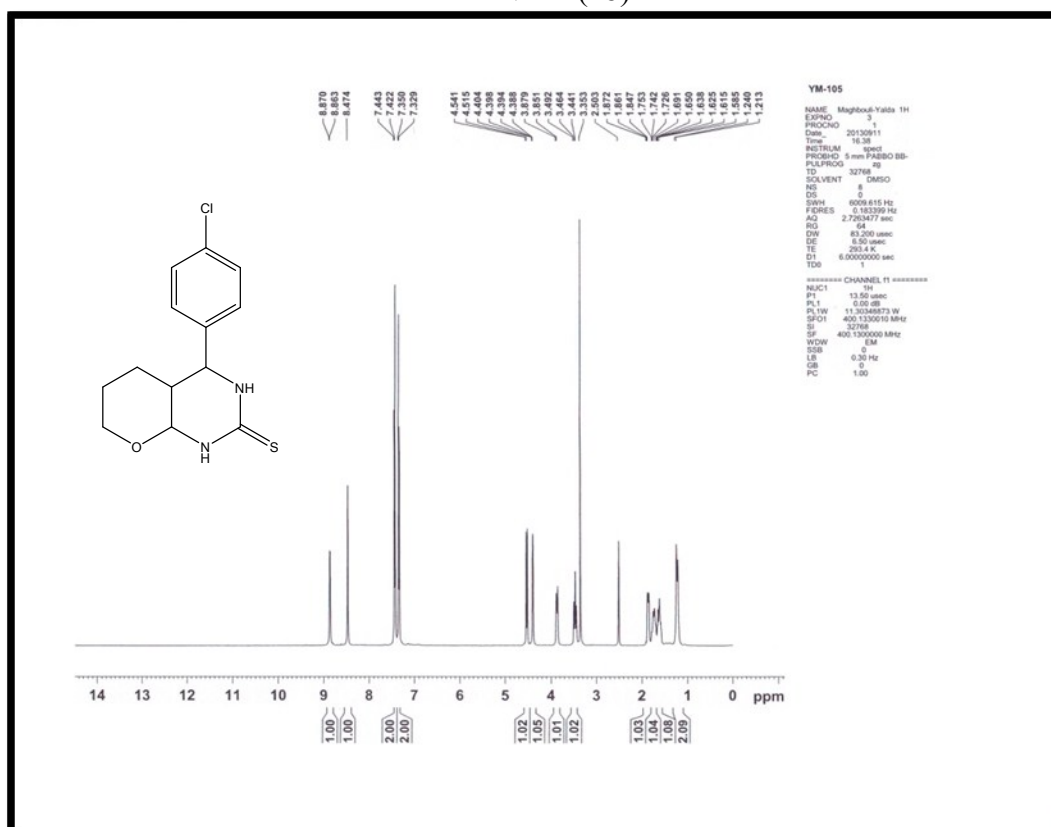
¹³C NMR (4a)

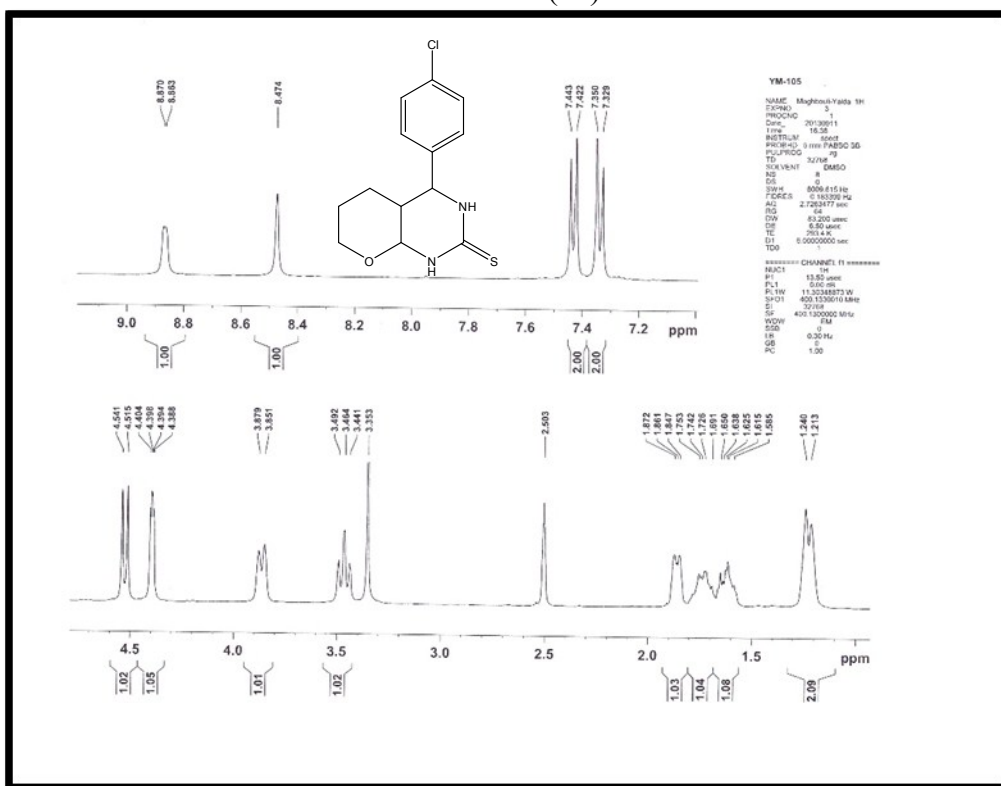
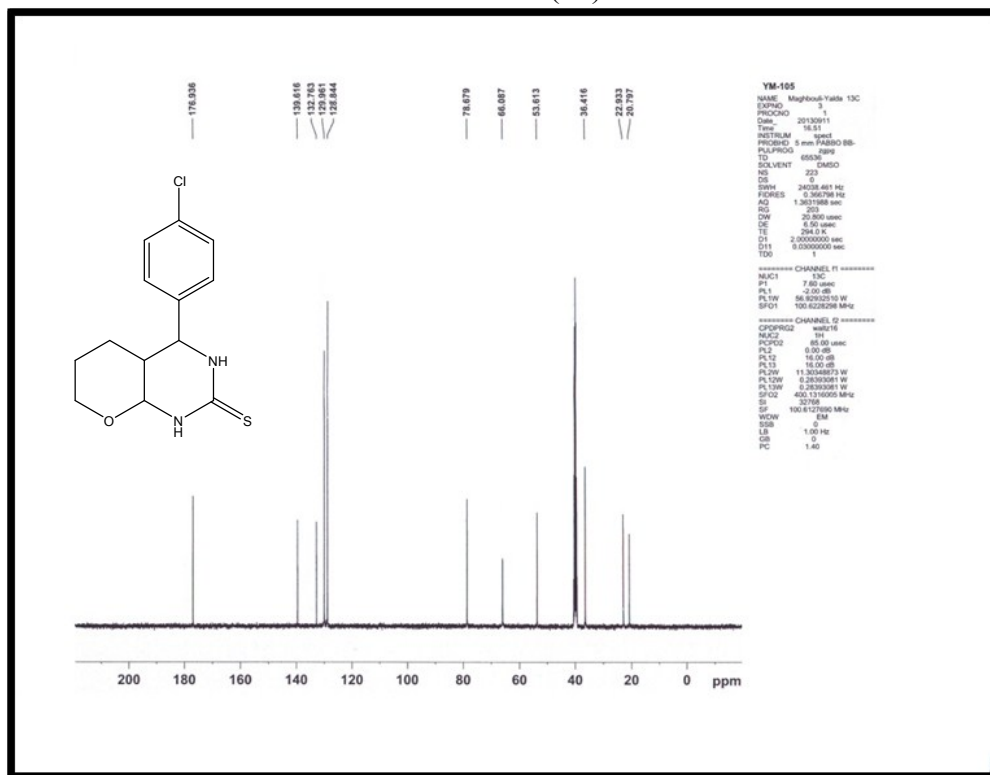


IR (4b)

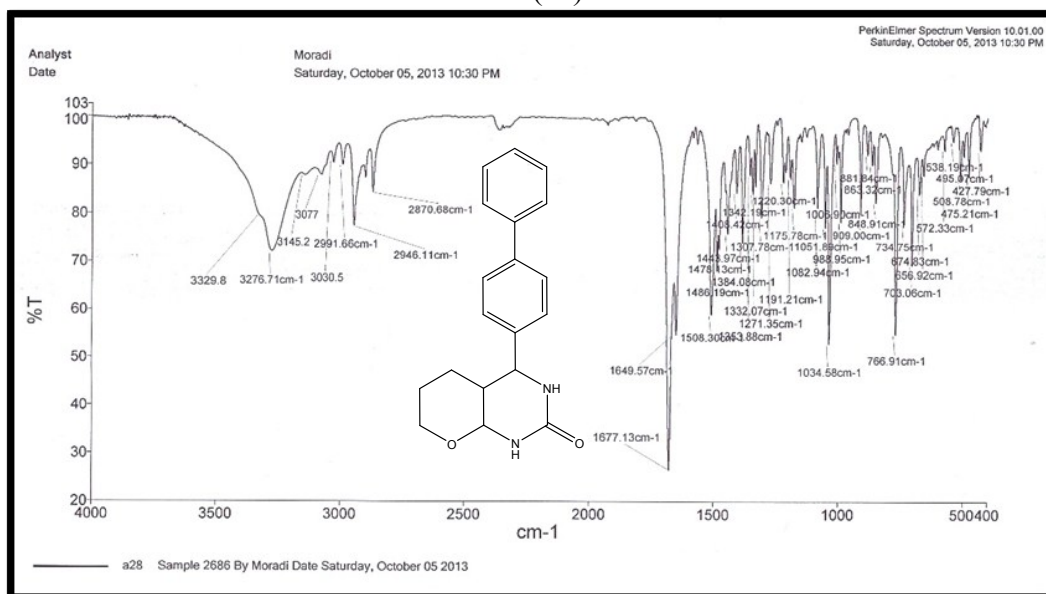


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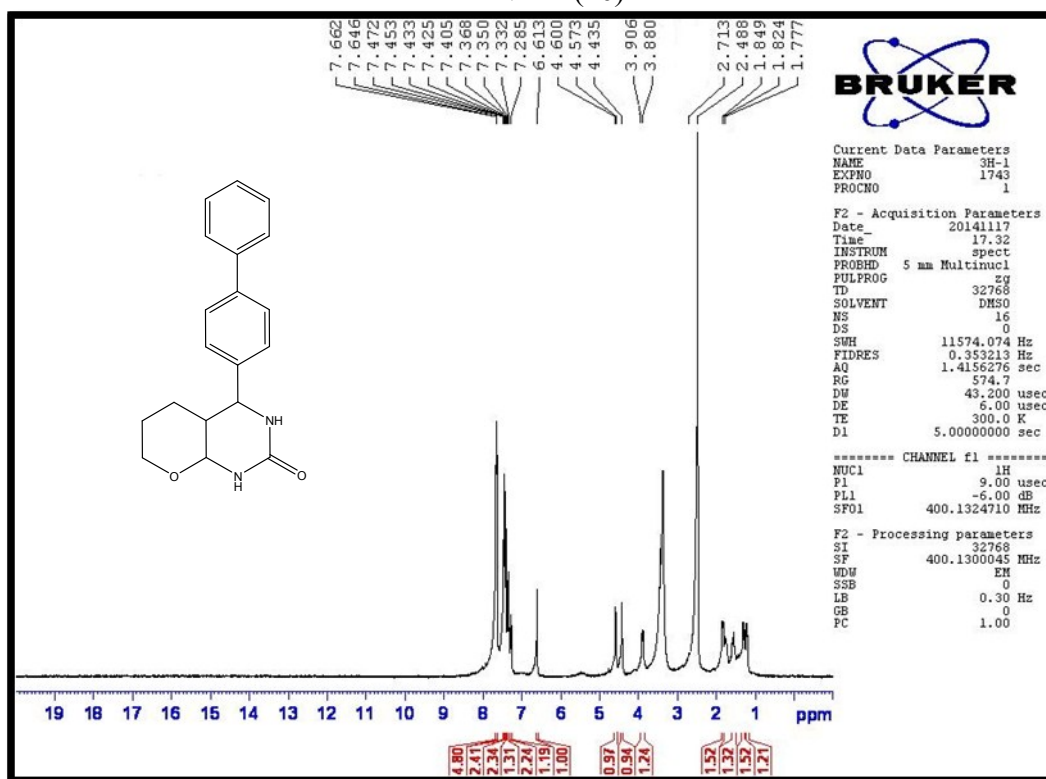


¹H NMR (4b) ^{13}C NMR (4b)

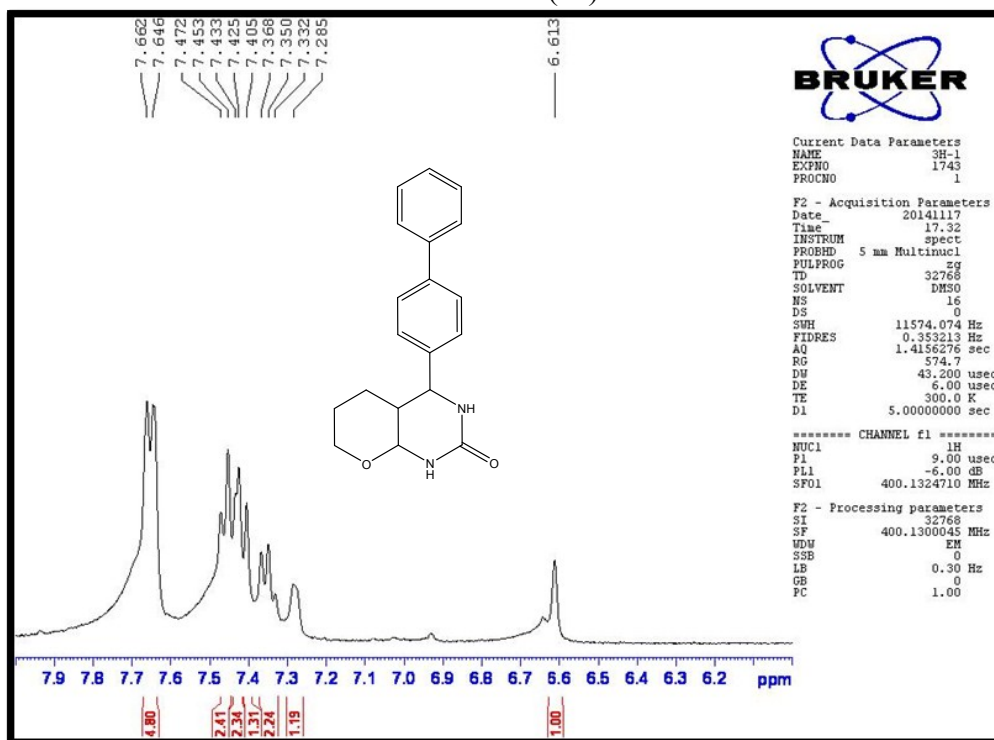
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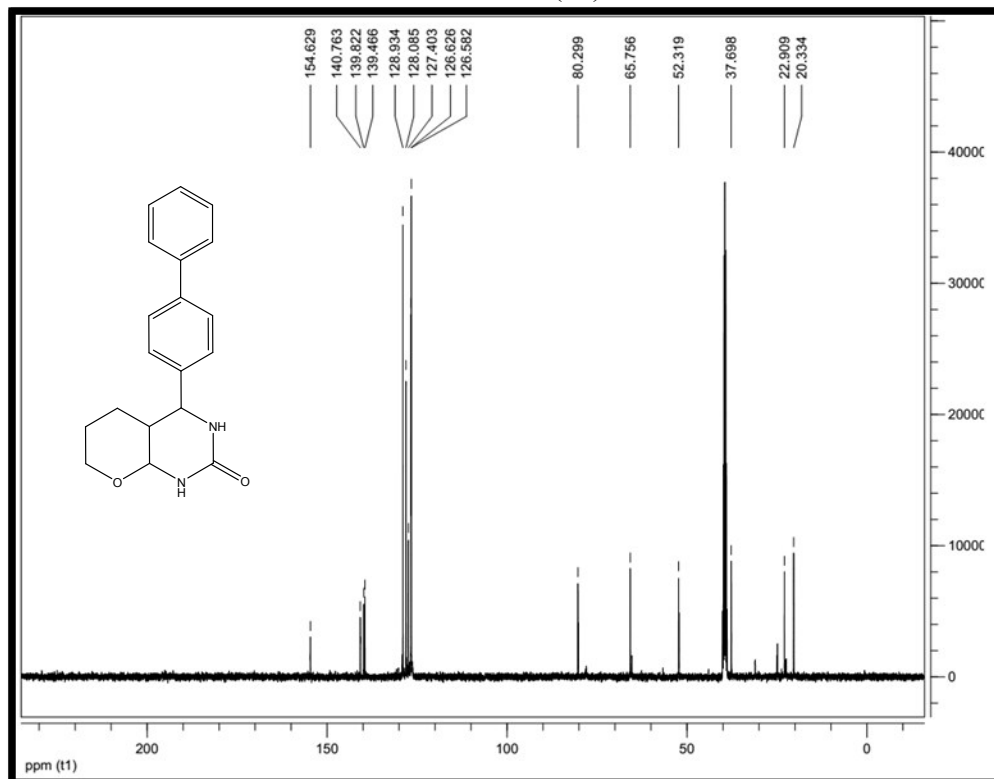
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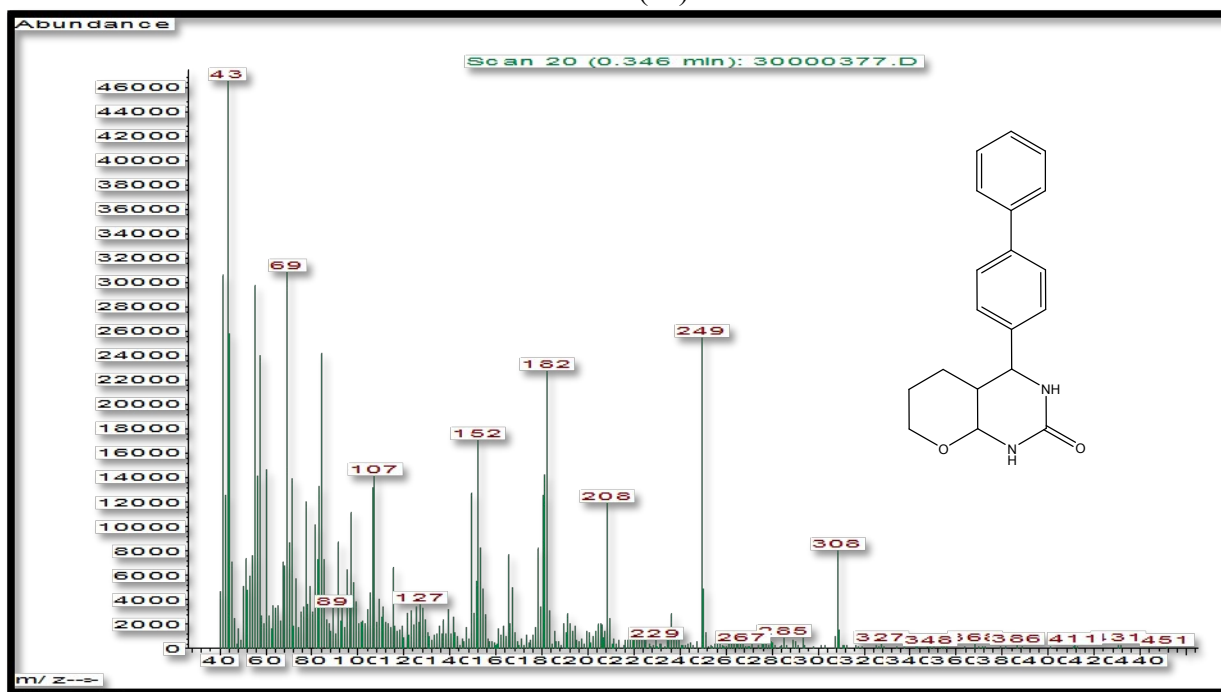
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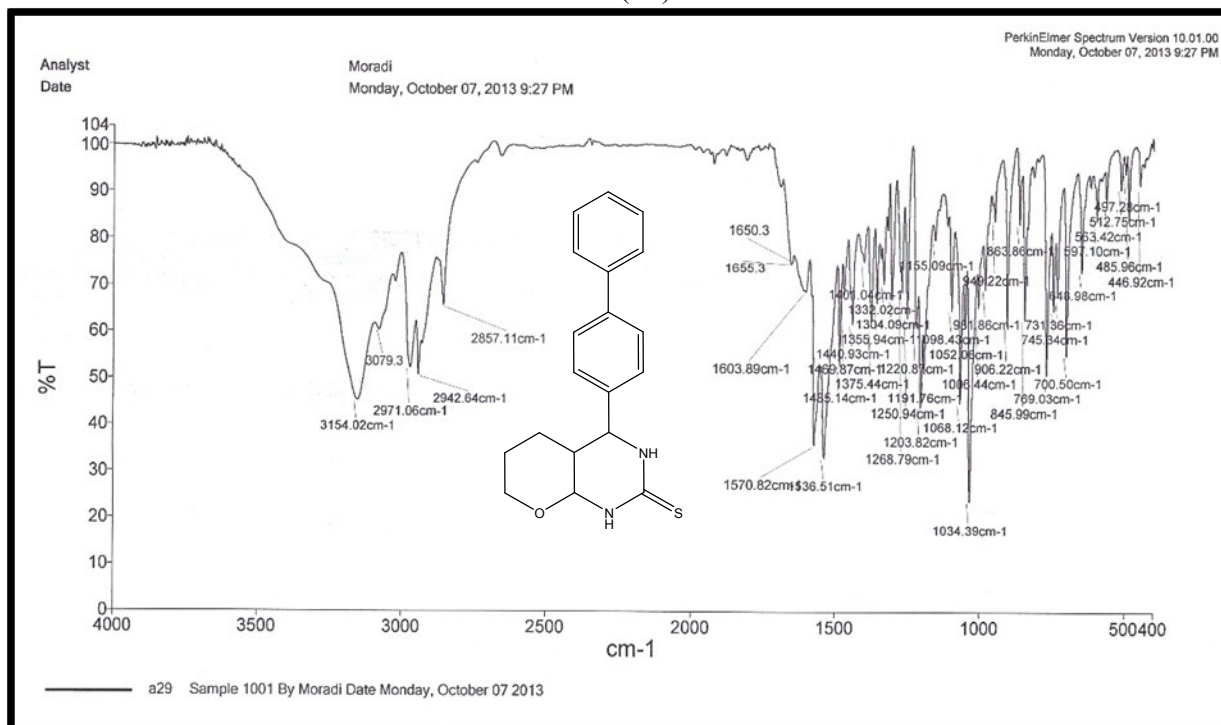
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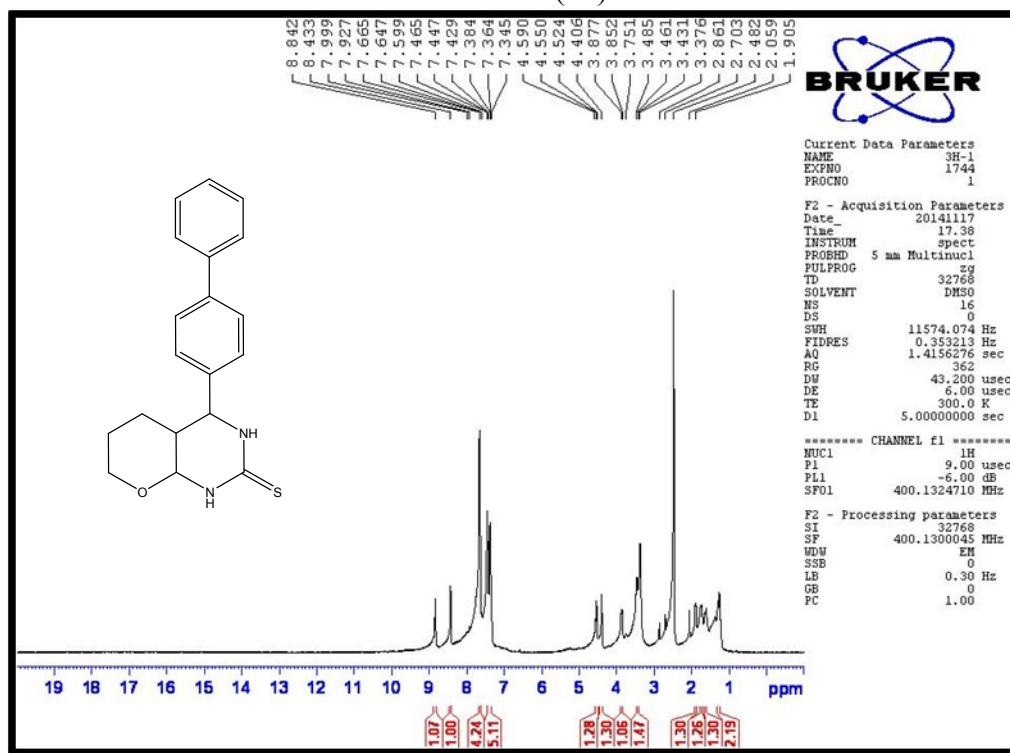
Mass (4c)



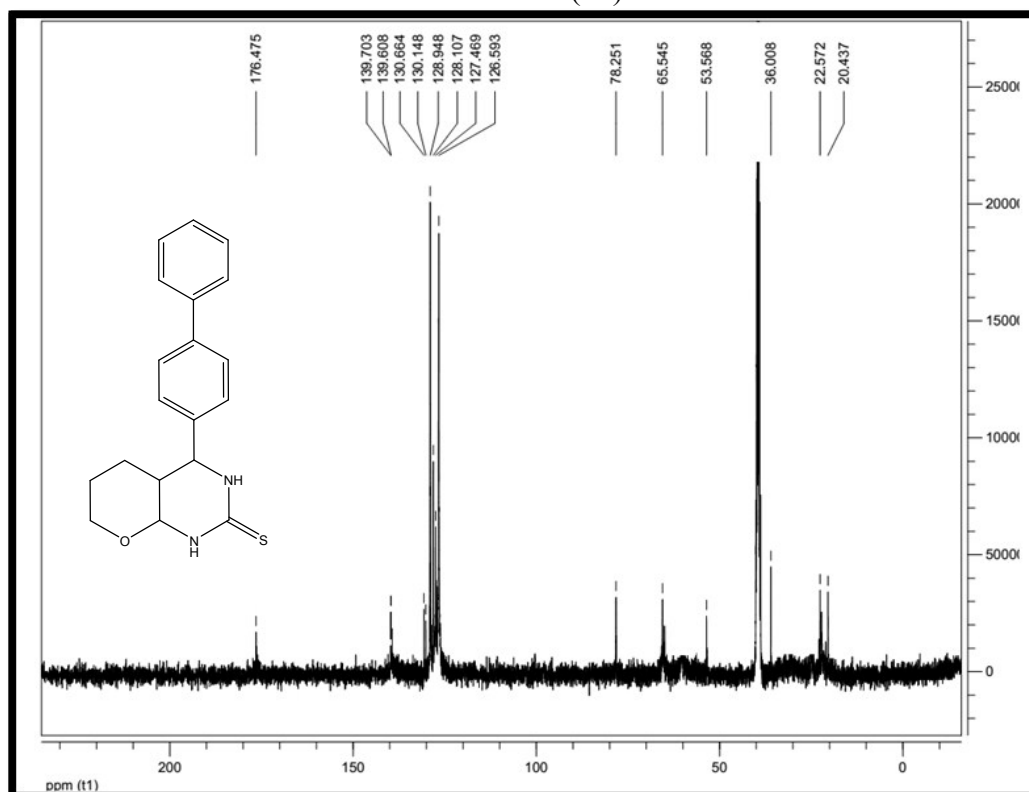
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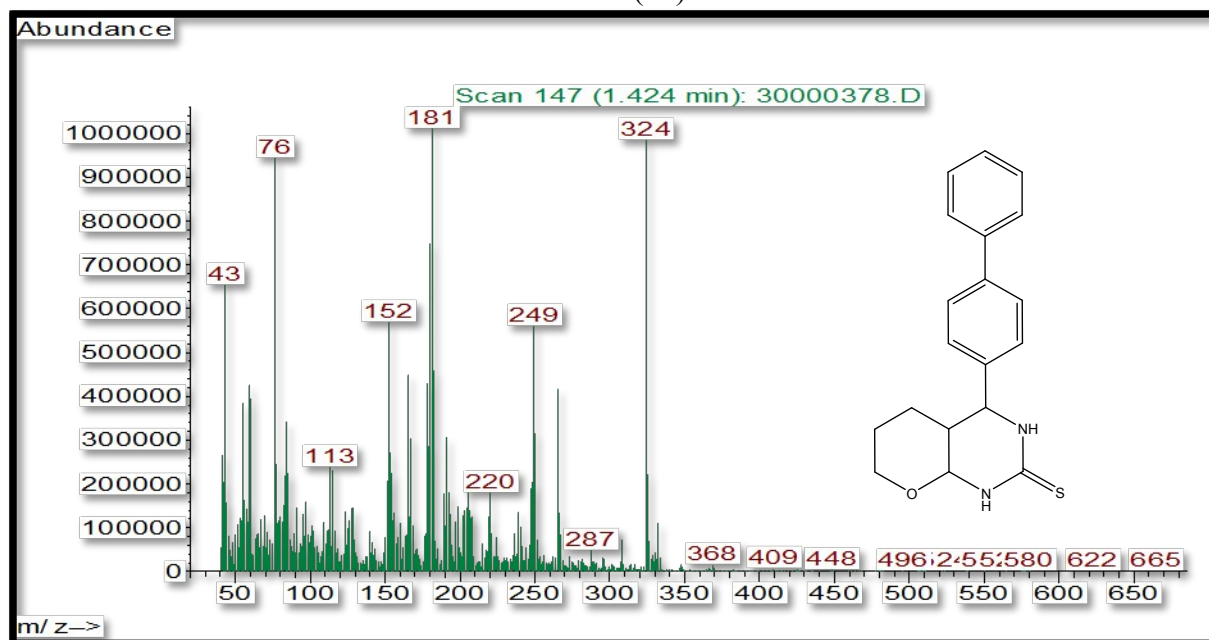
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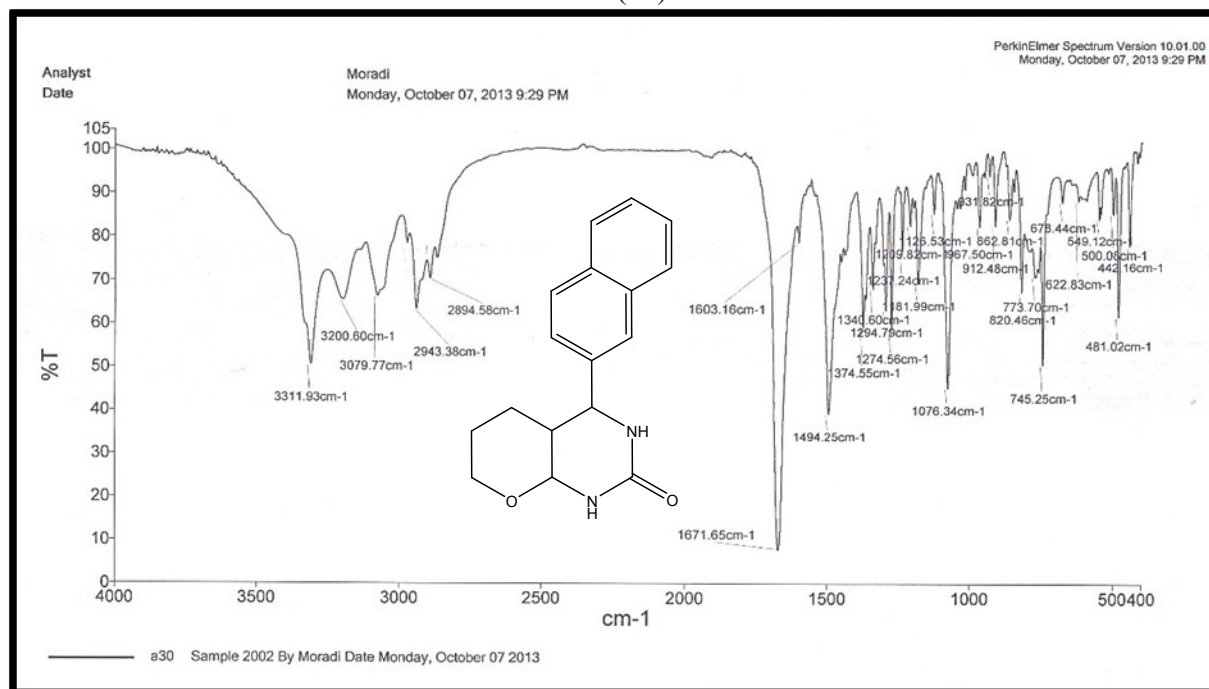
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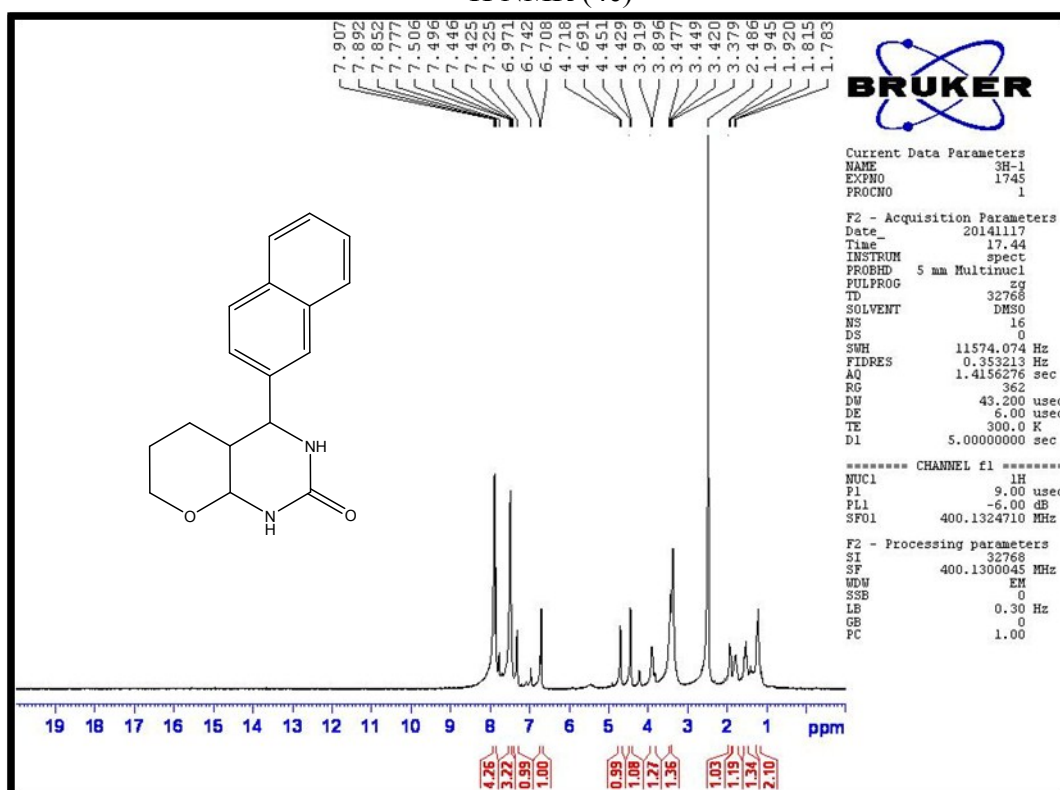
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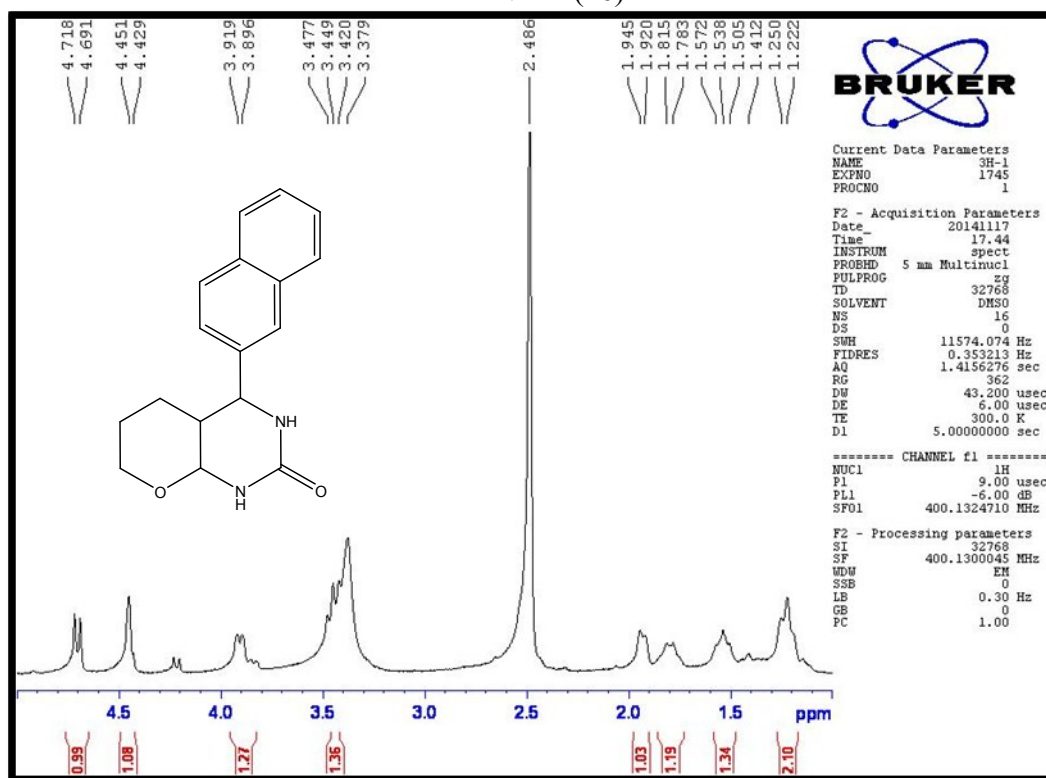
IR (4e)



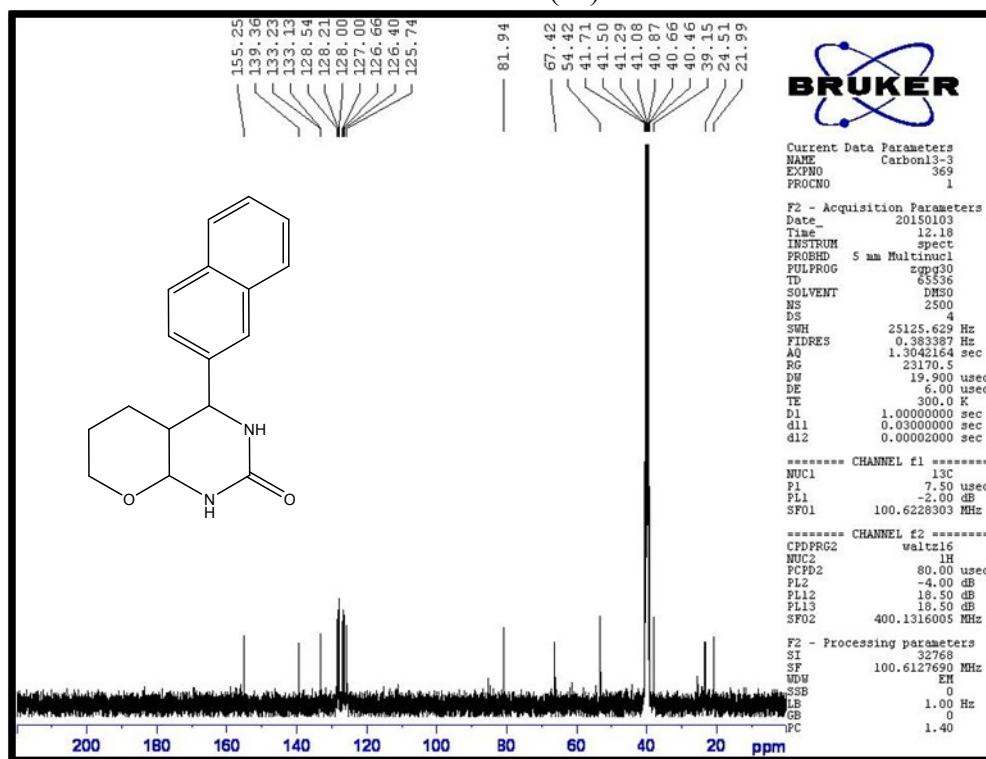
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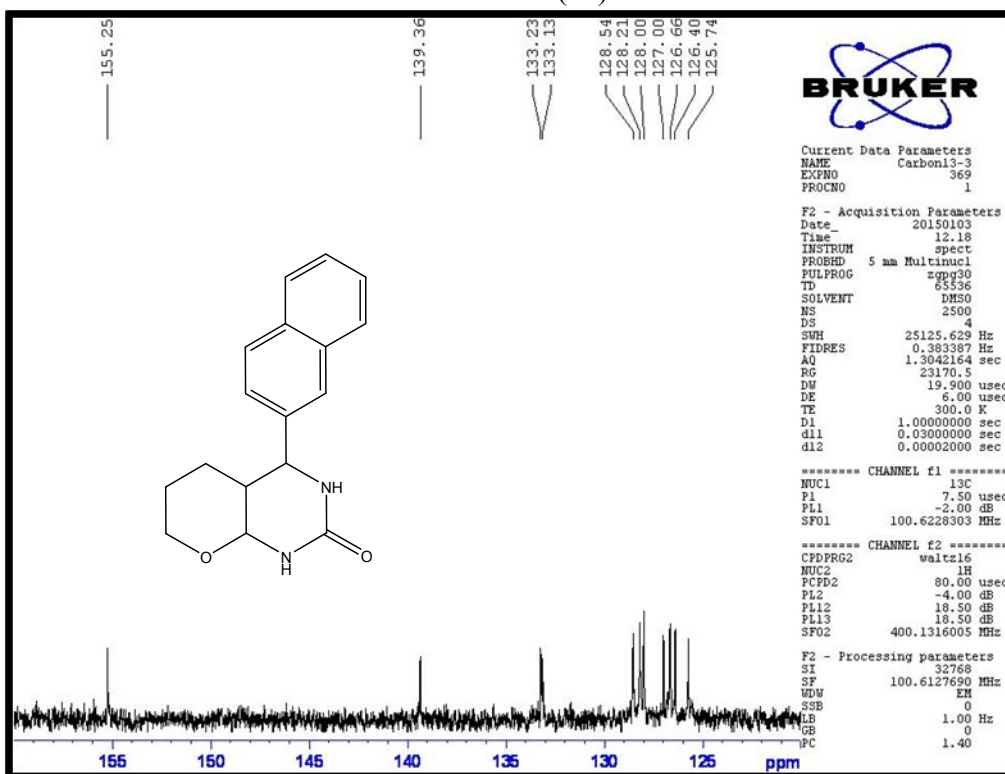
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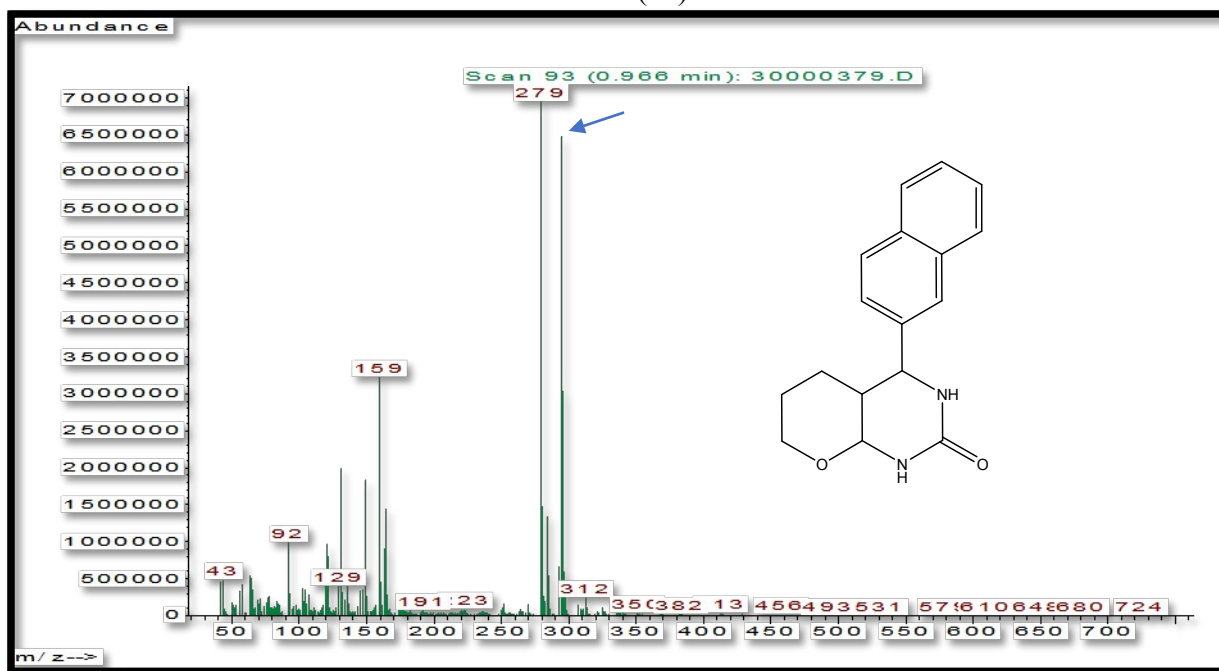
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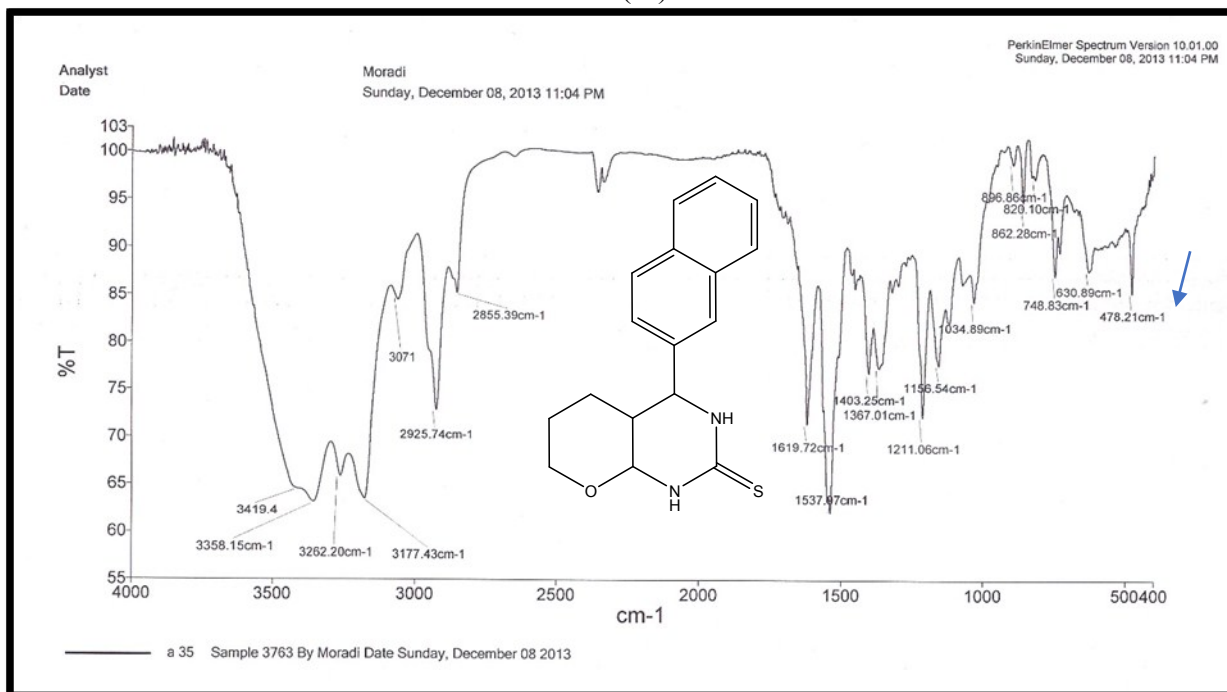
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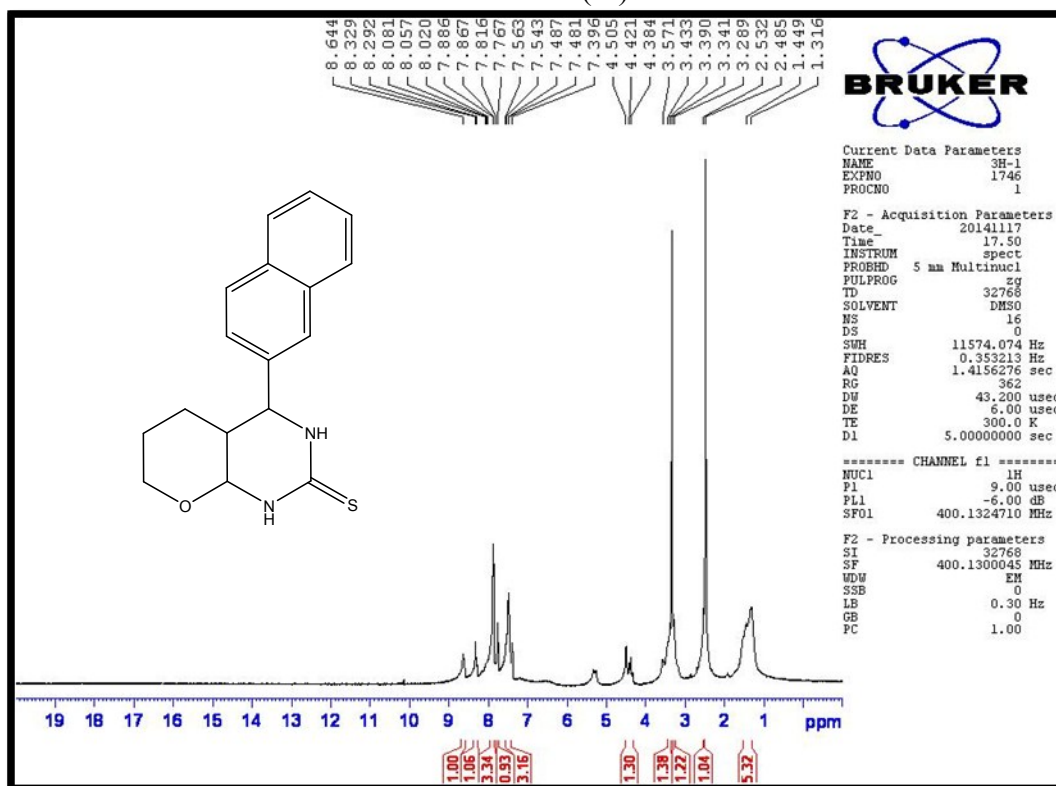
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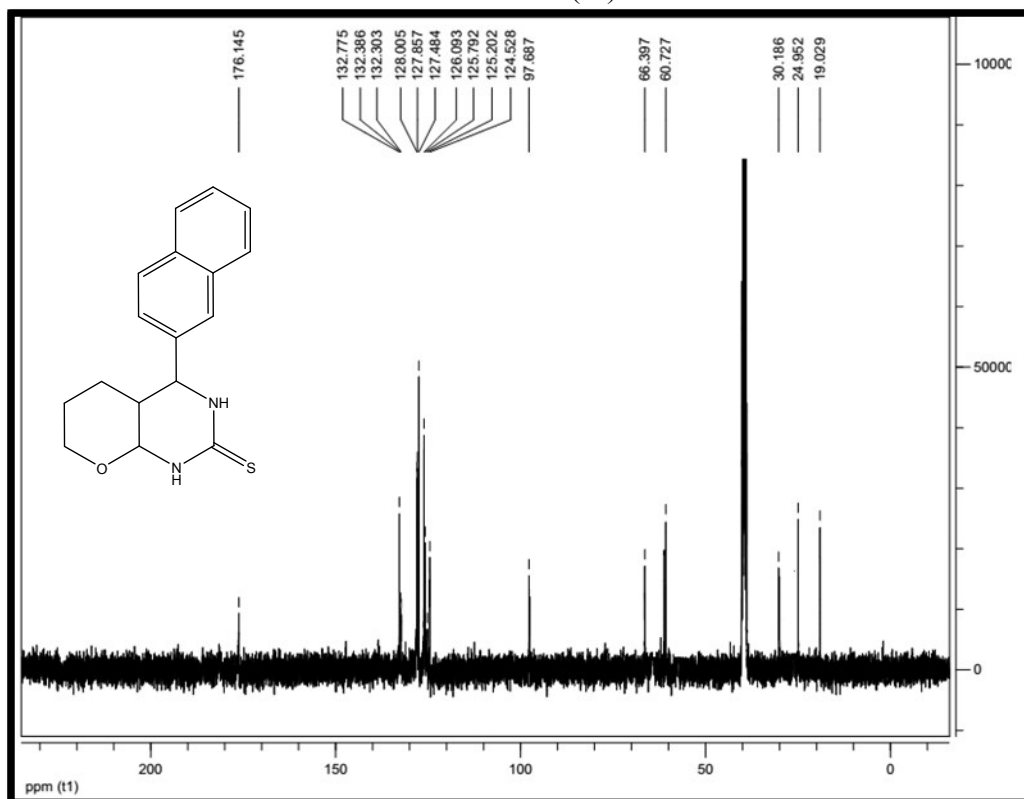
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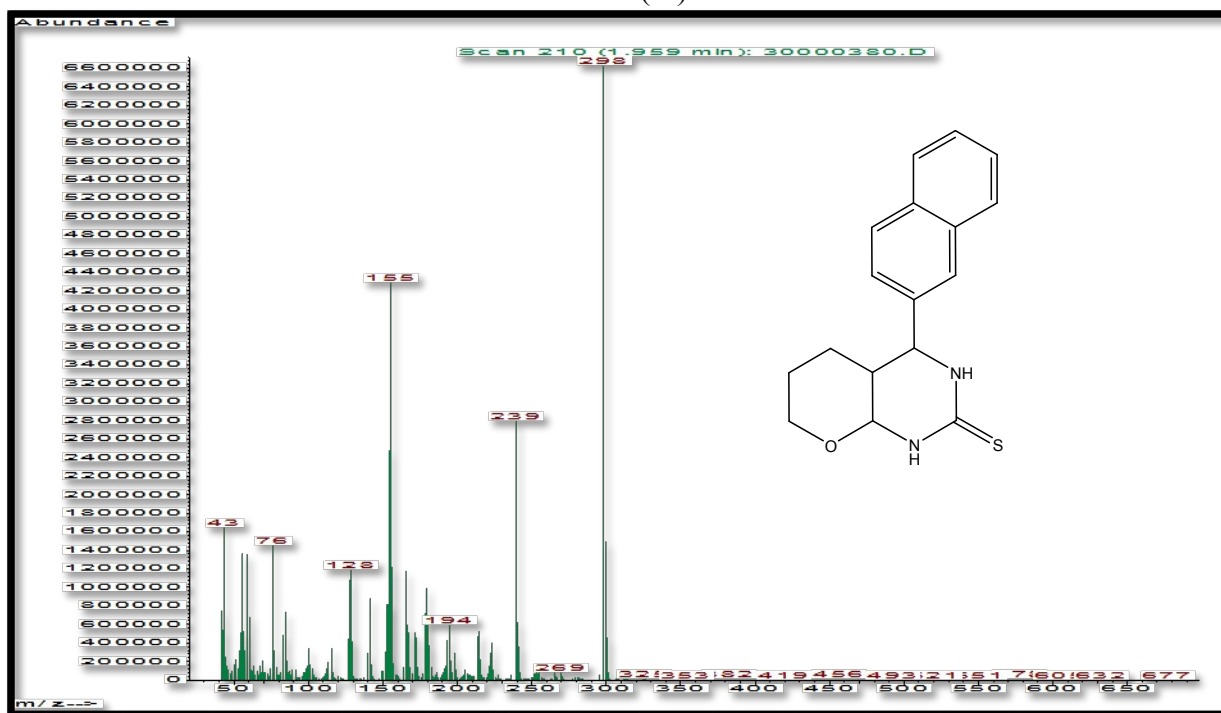
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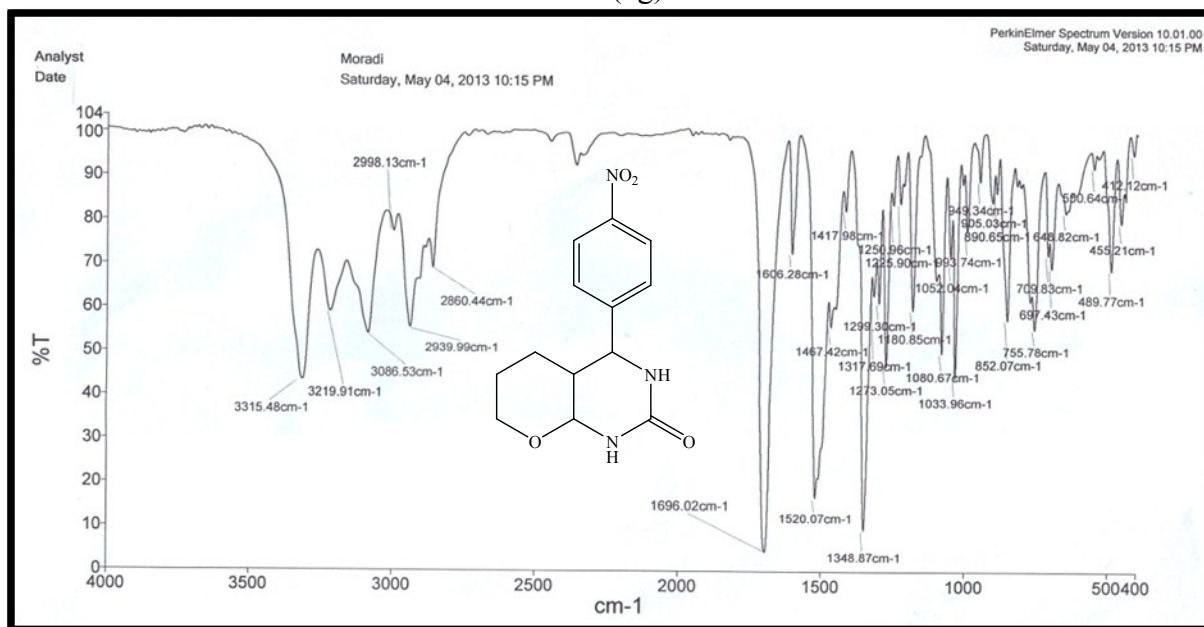
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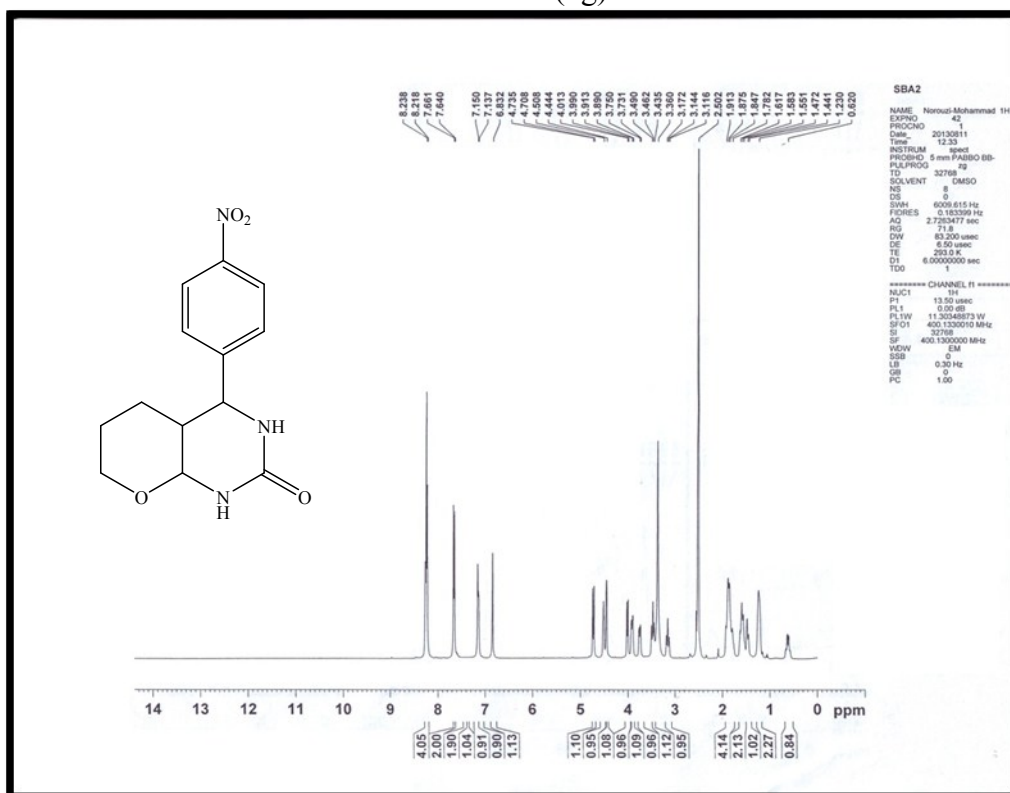
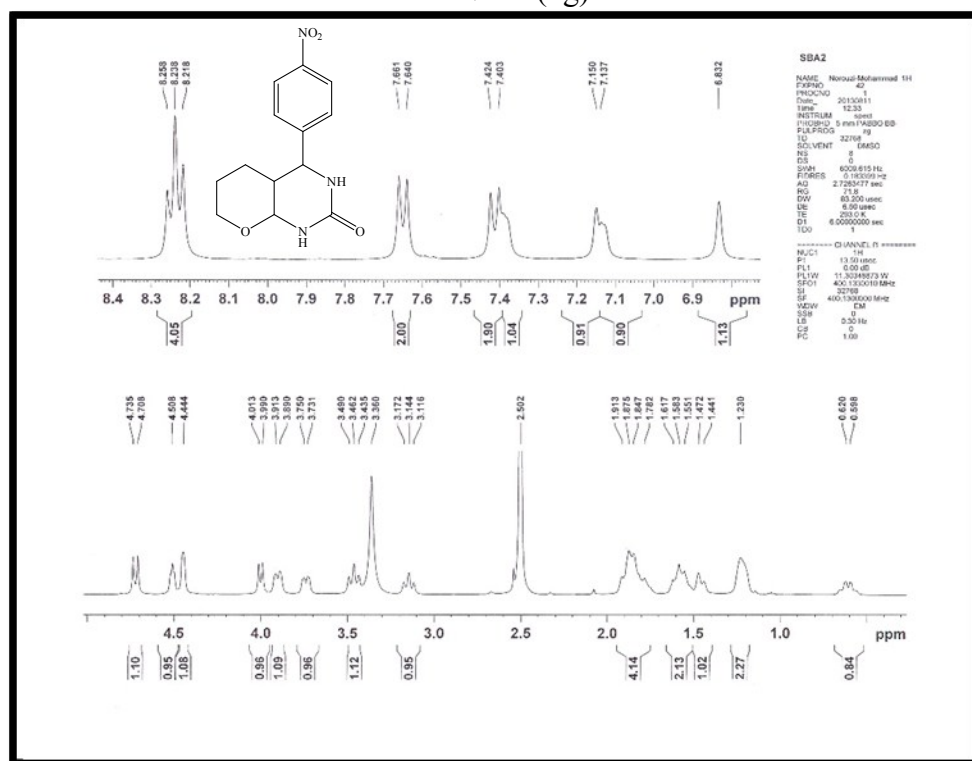


Mass (4f)

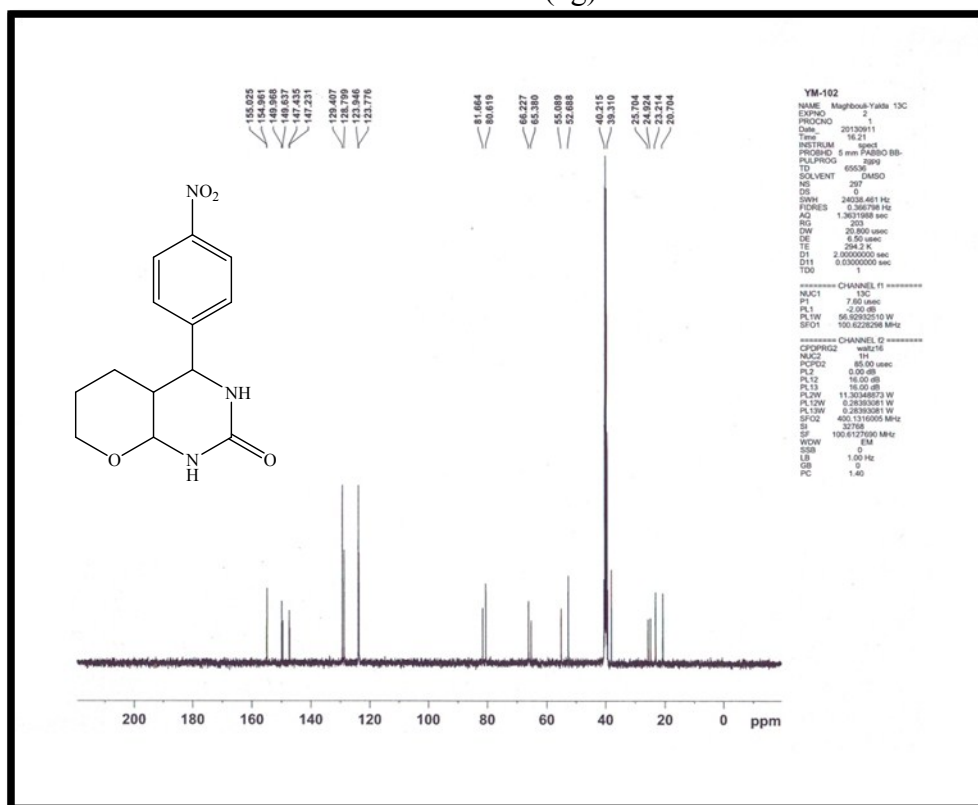


IR (4g)

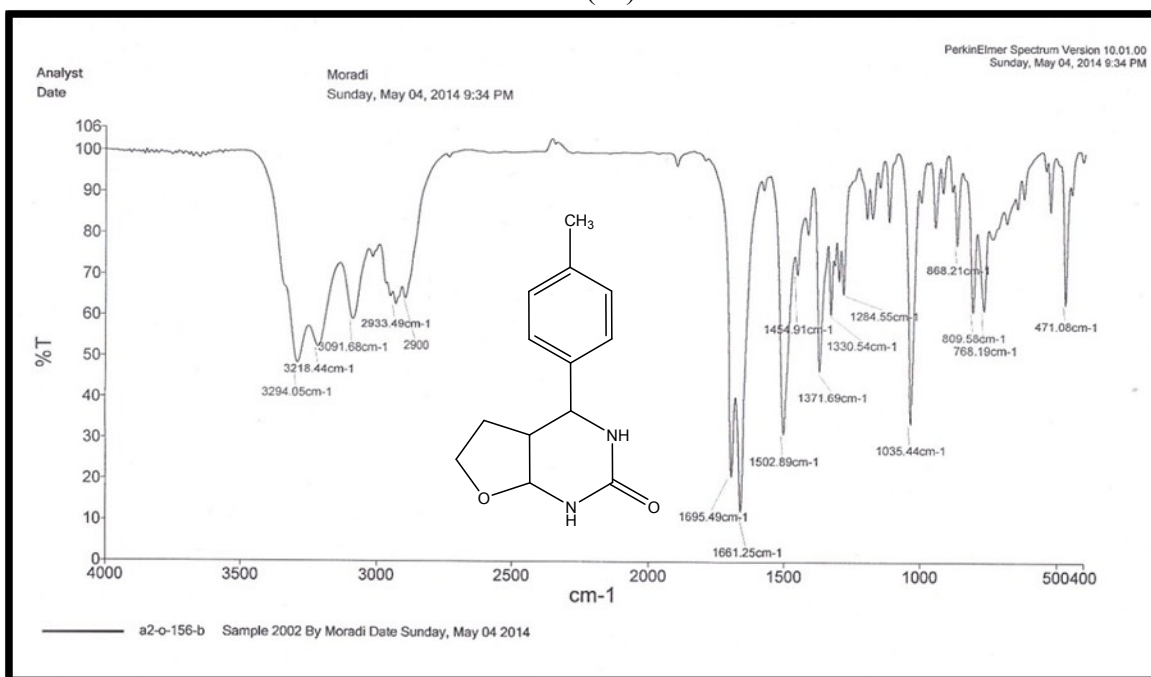


¹H NMR (4g)¹H NMR (4g)

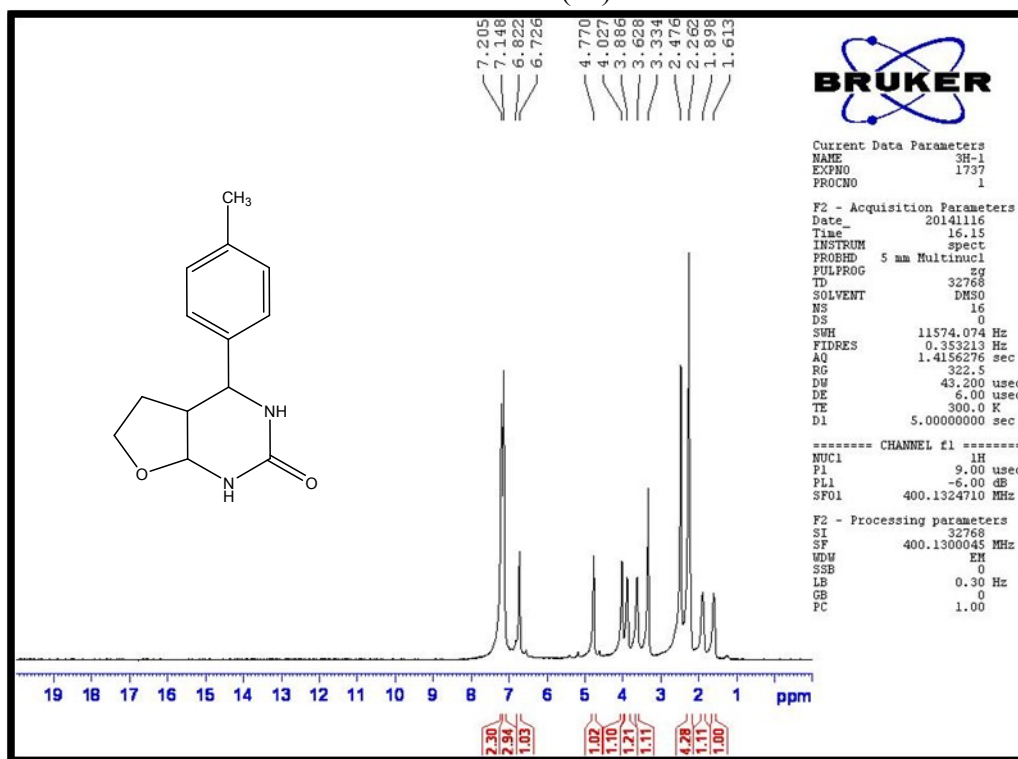
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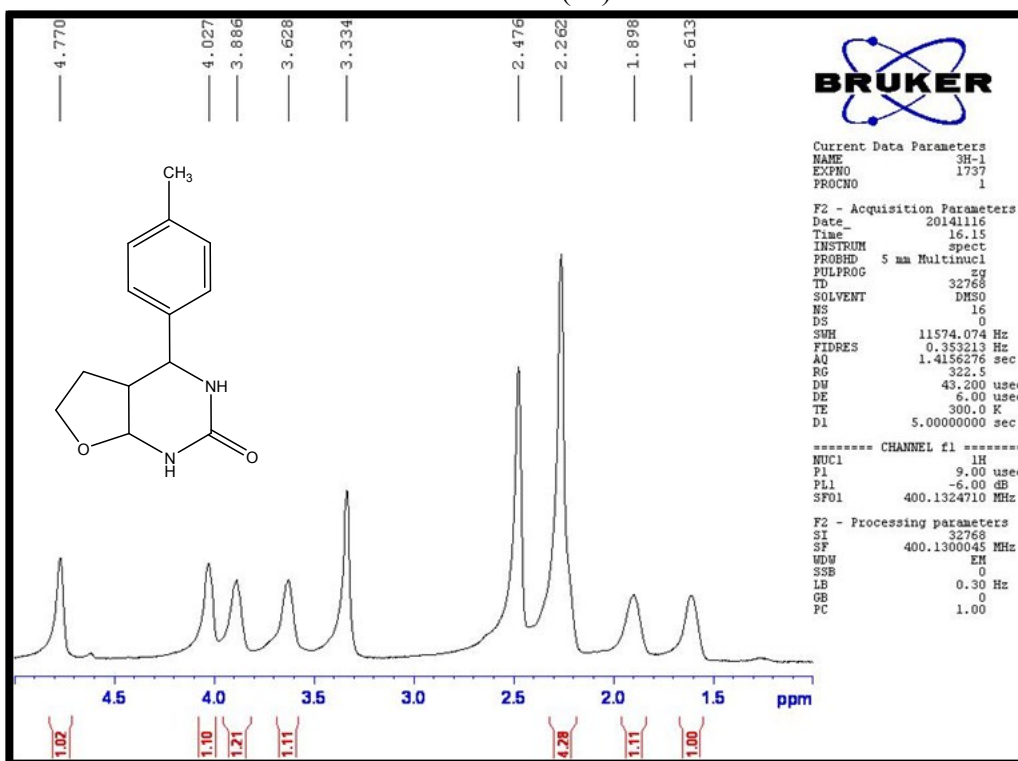
IR (5a)



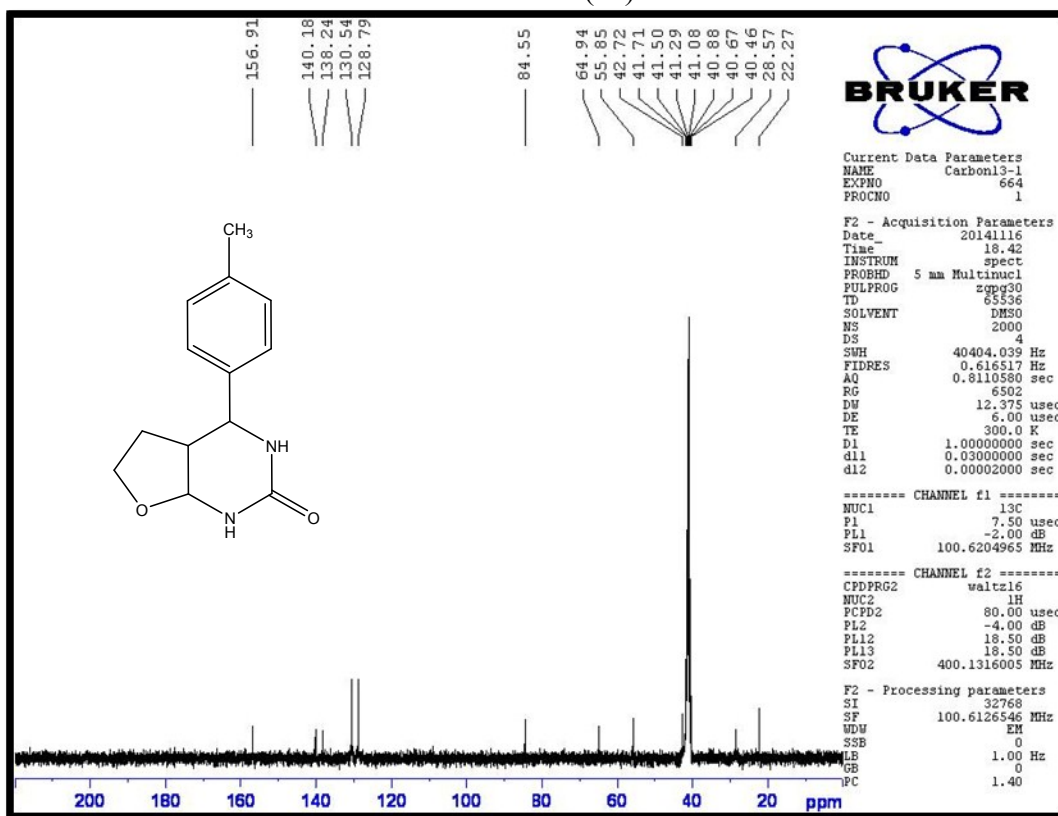
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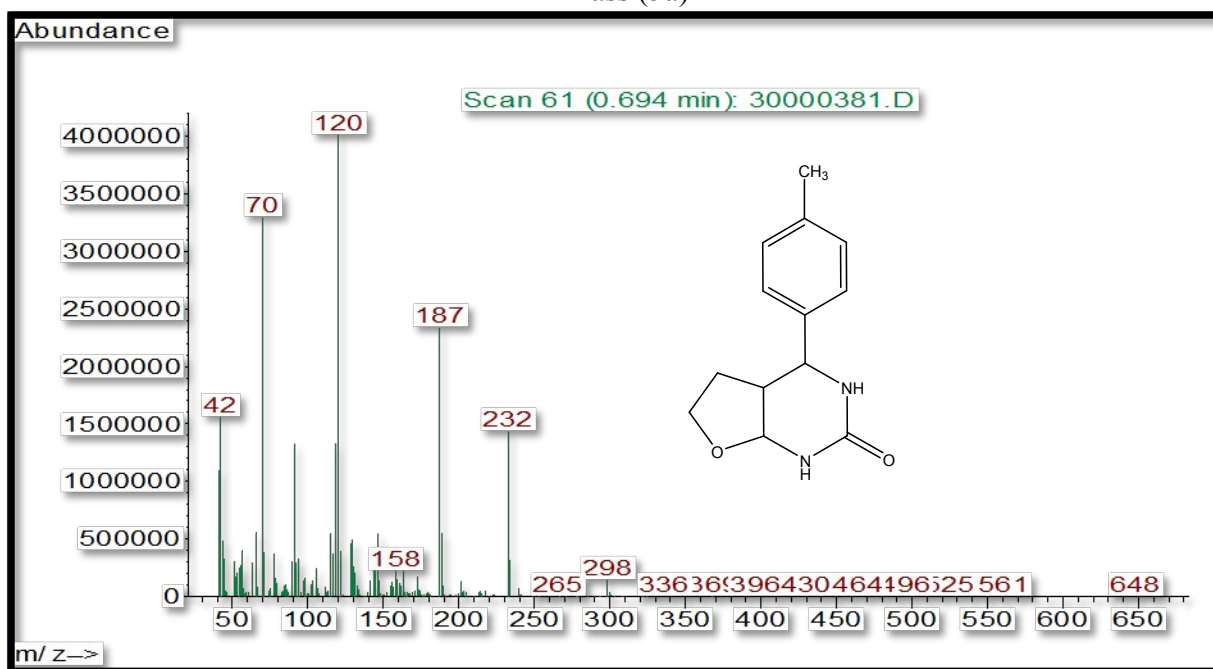
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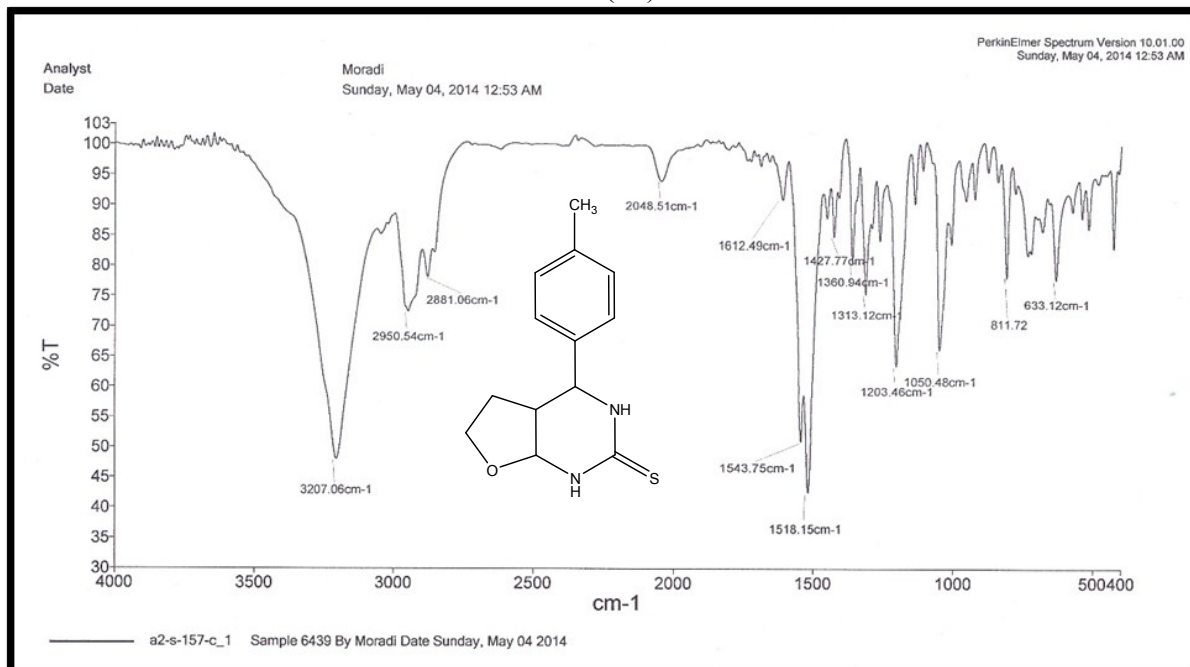
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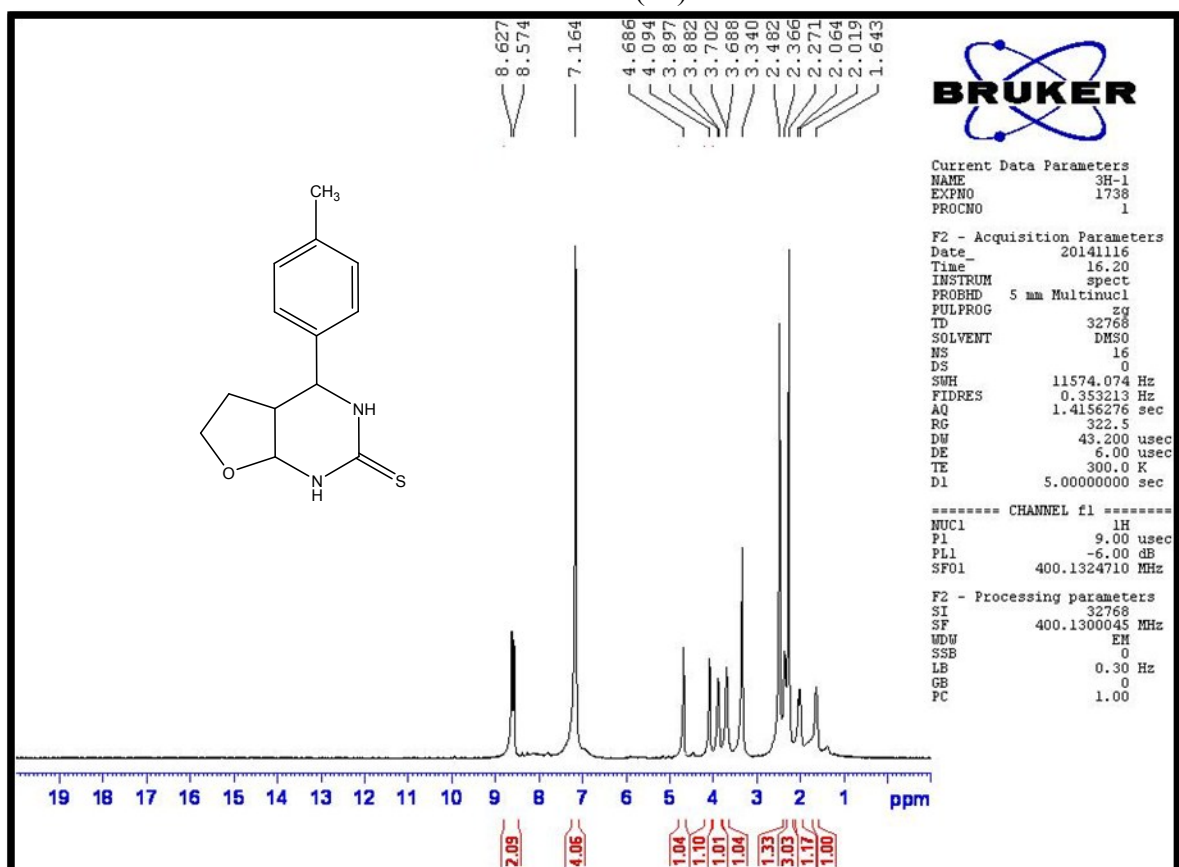
Mass (5a)



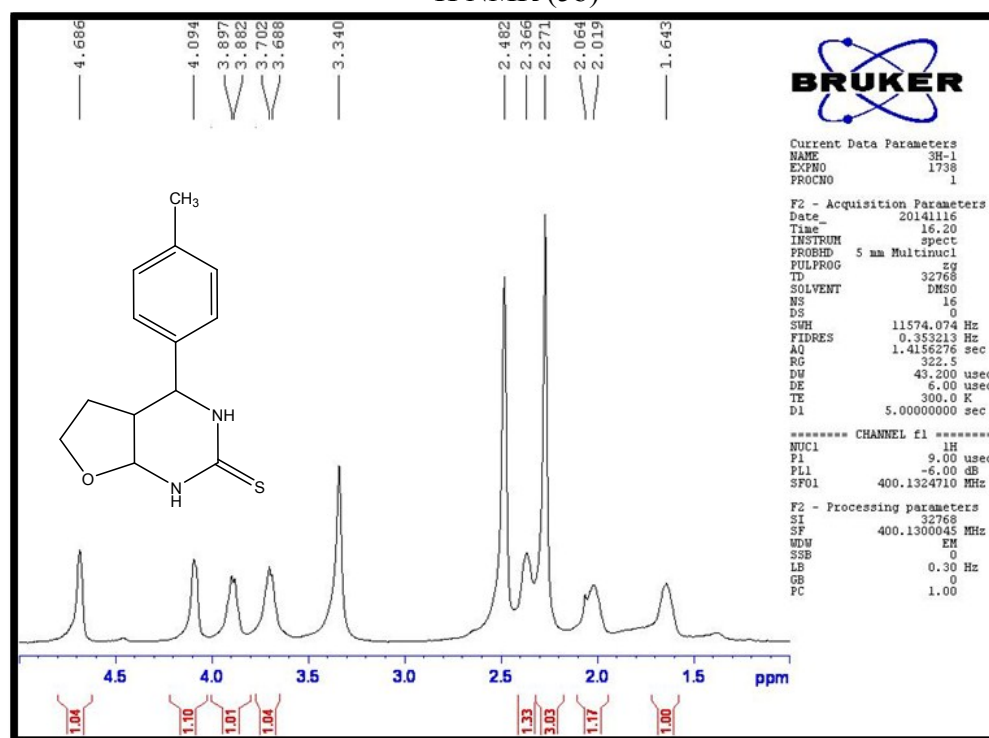
IR (5b)



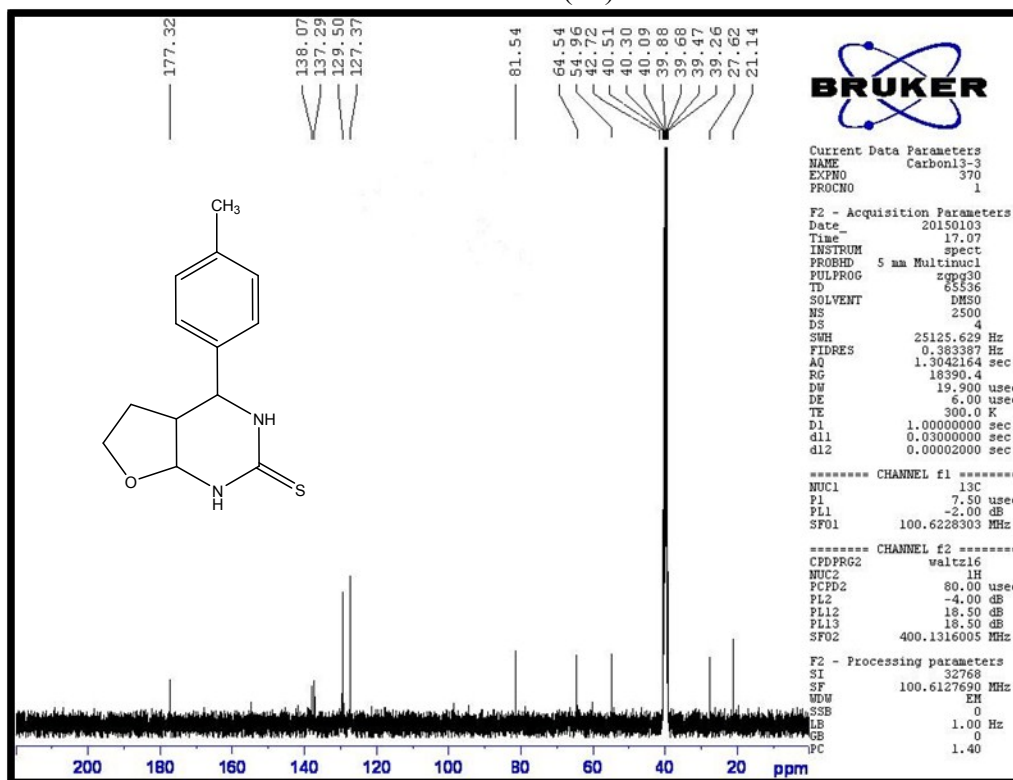
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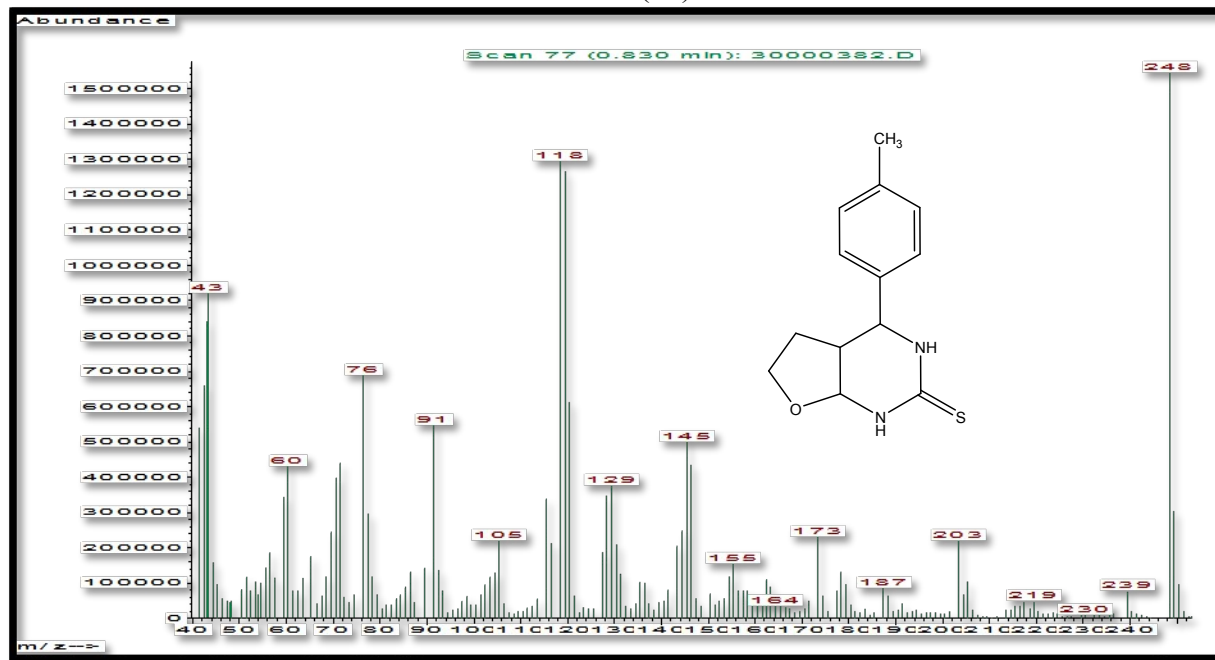
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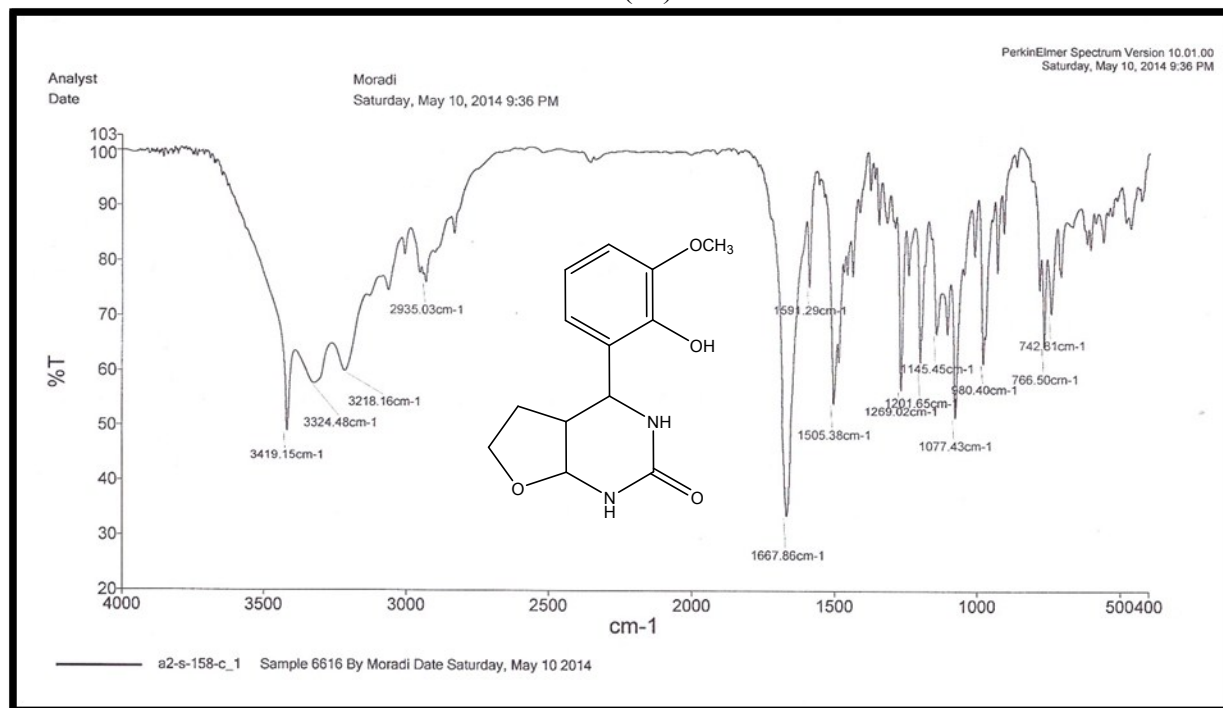
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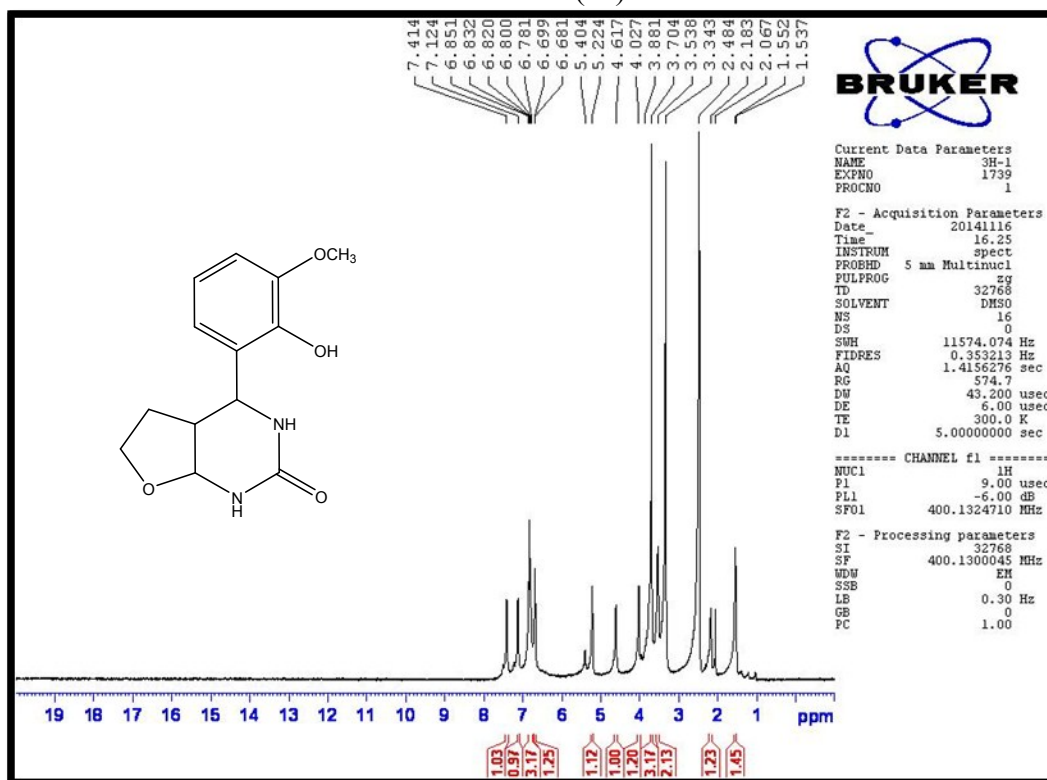
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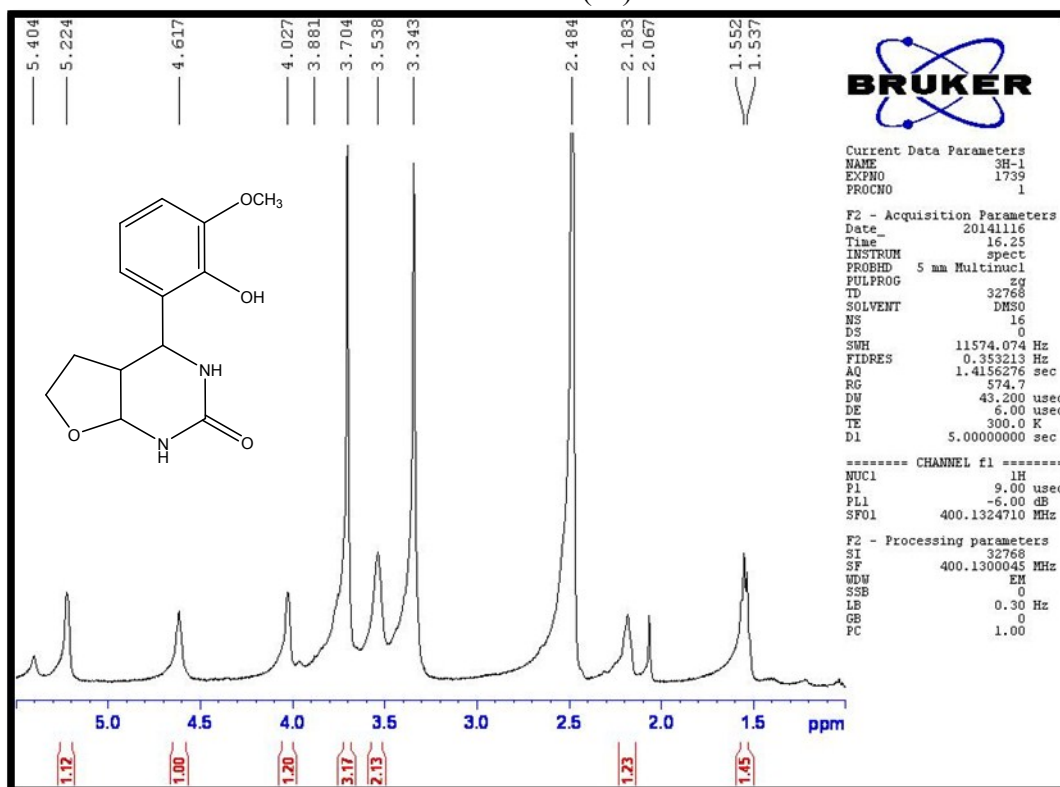
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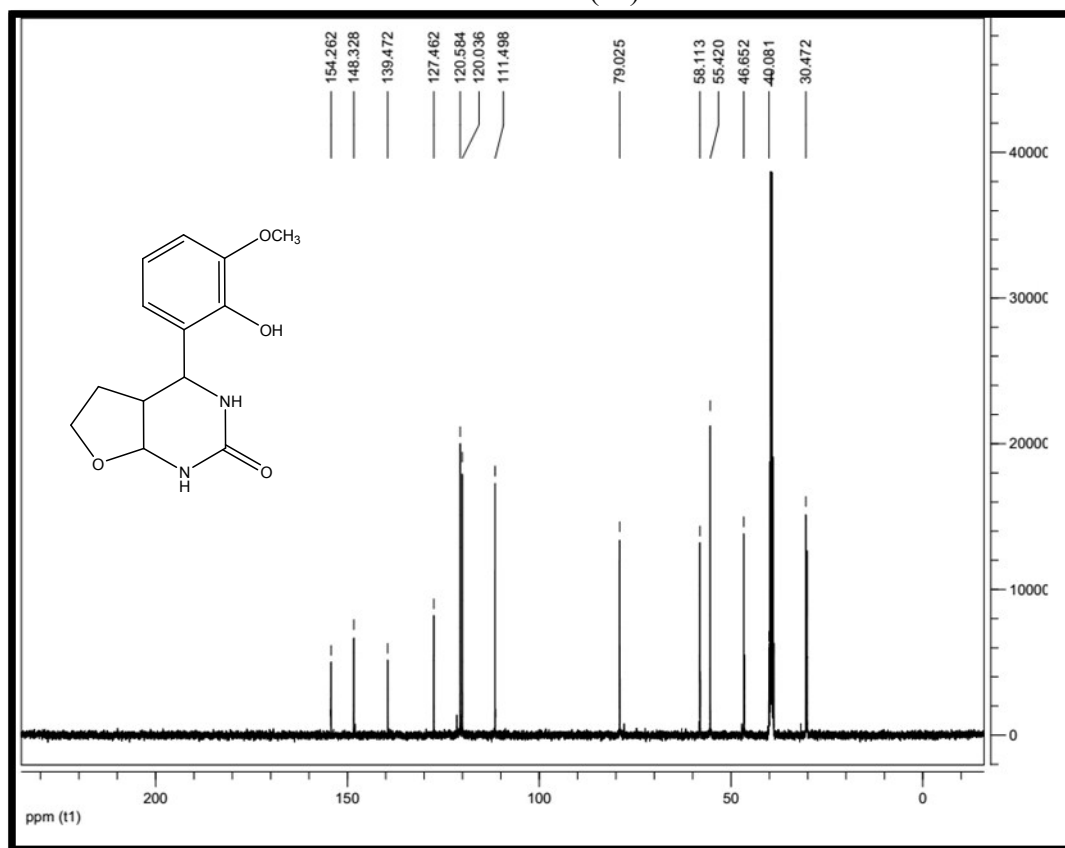
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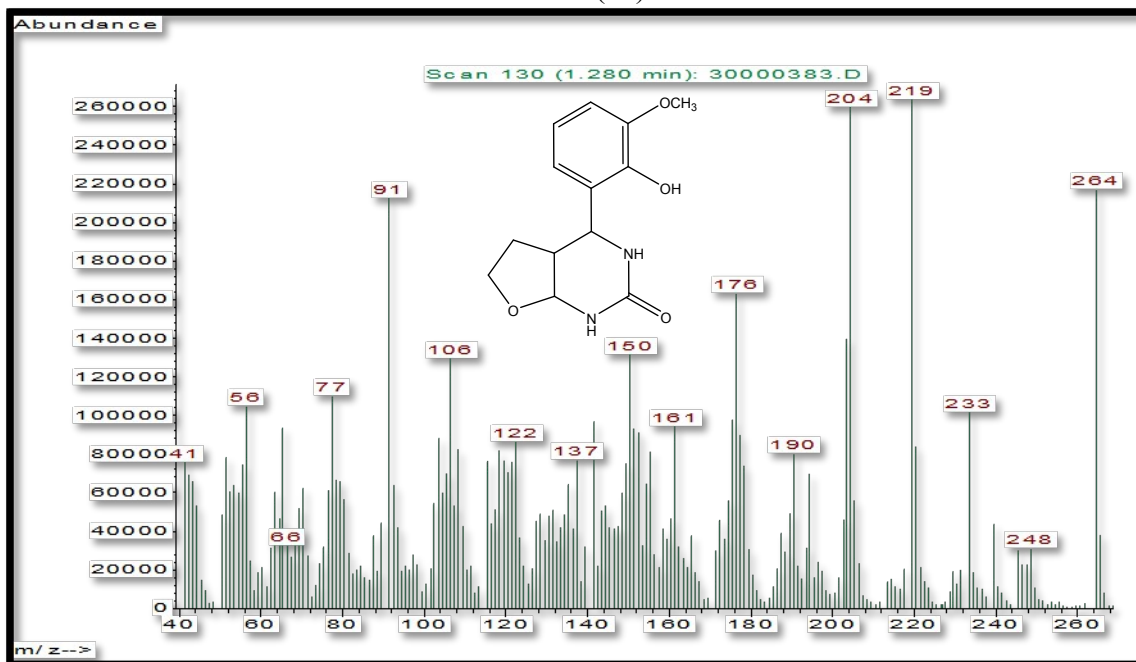
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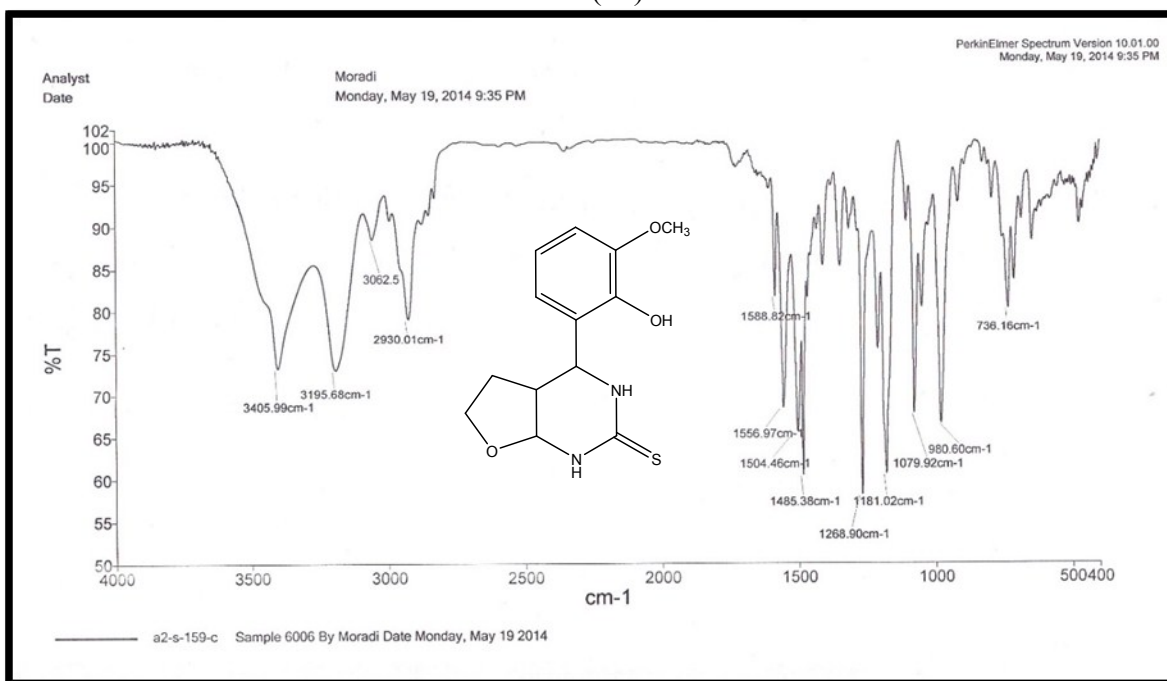
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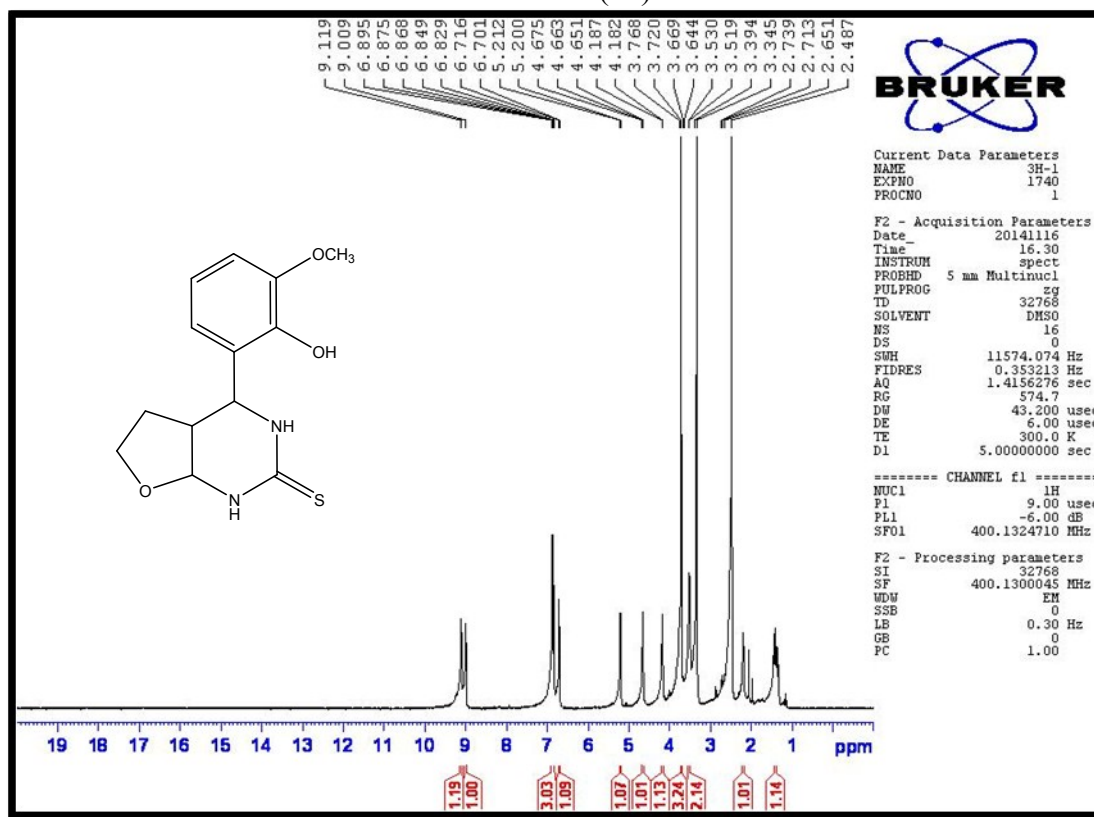
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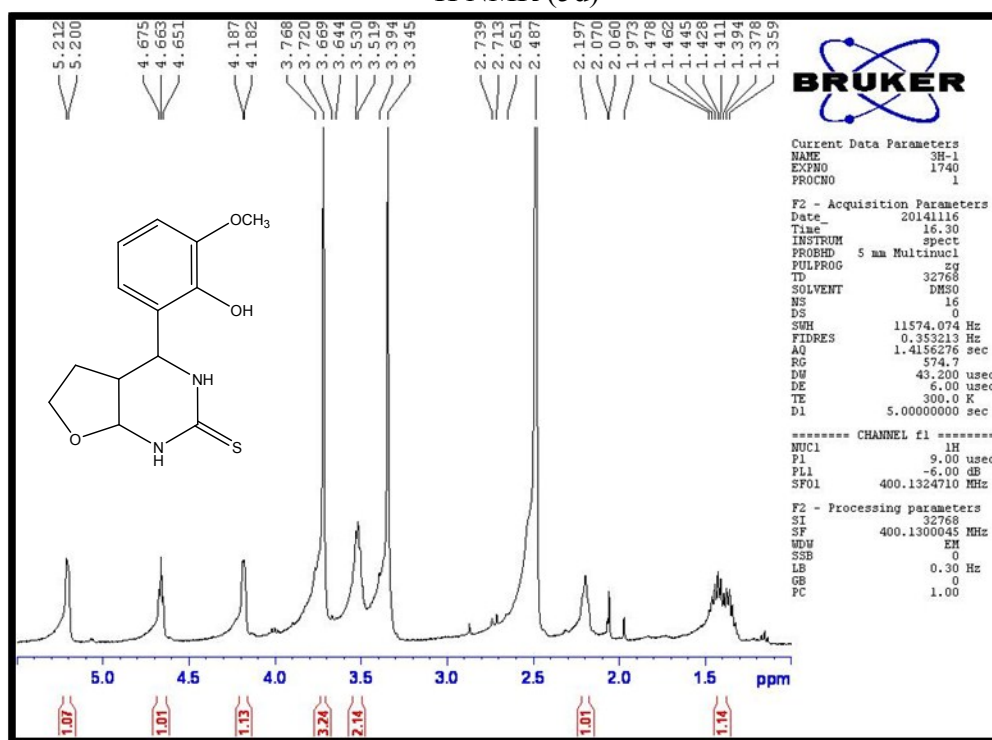
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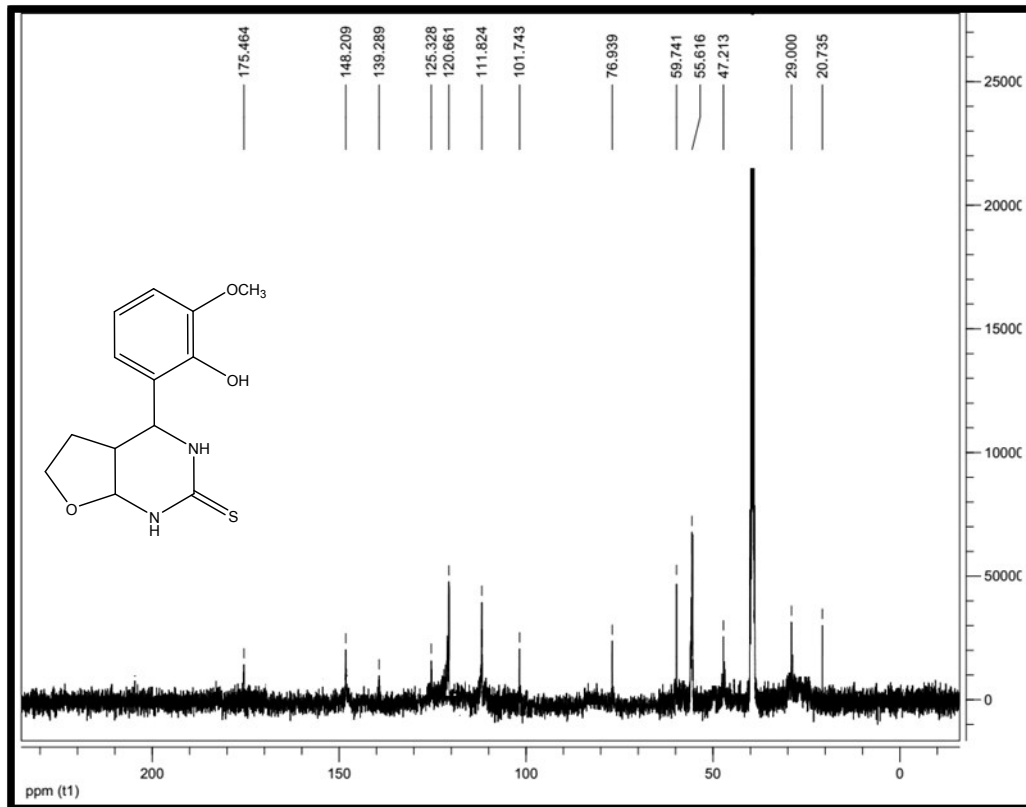
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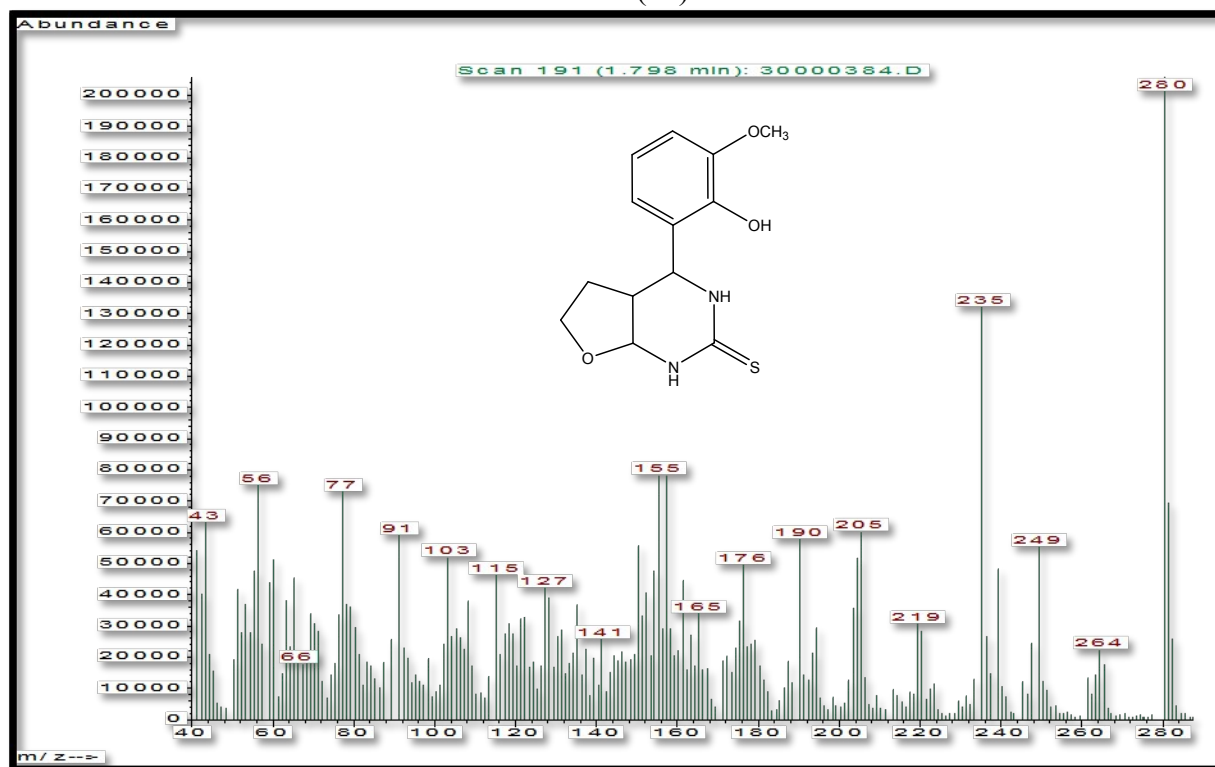
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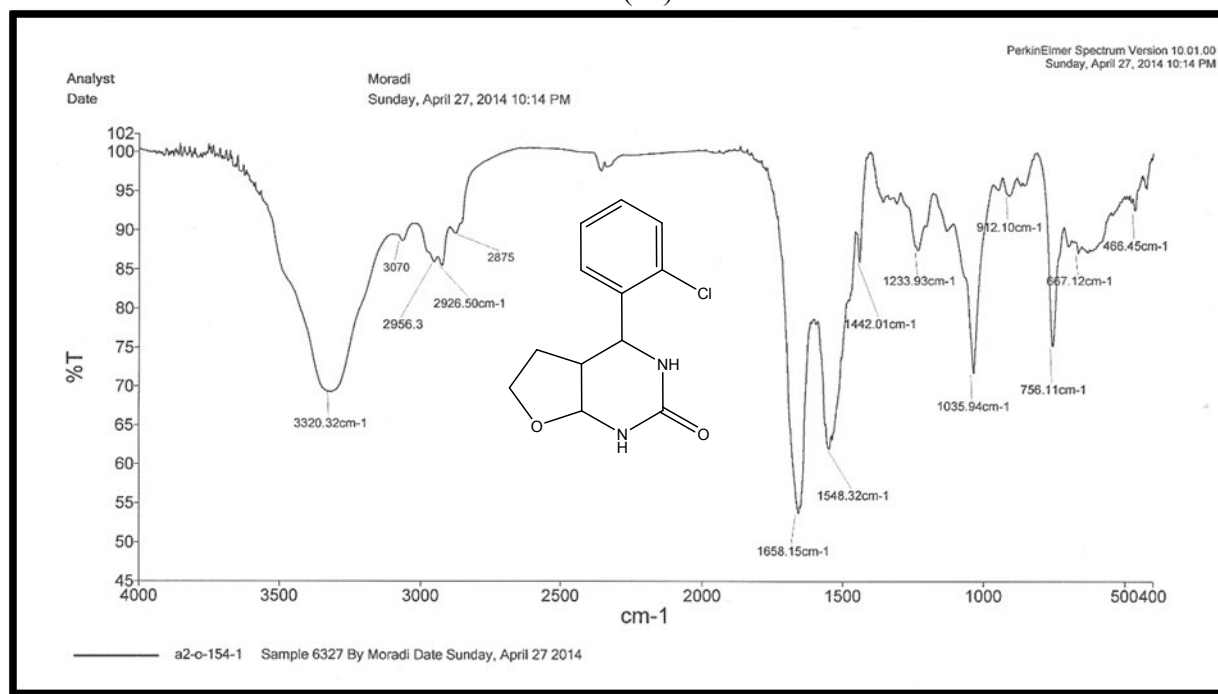
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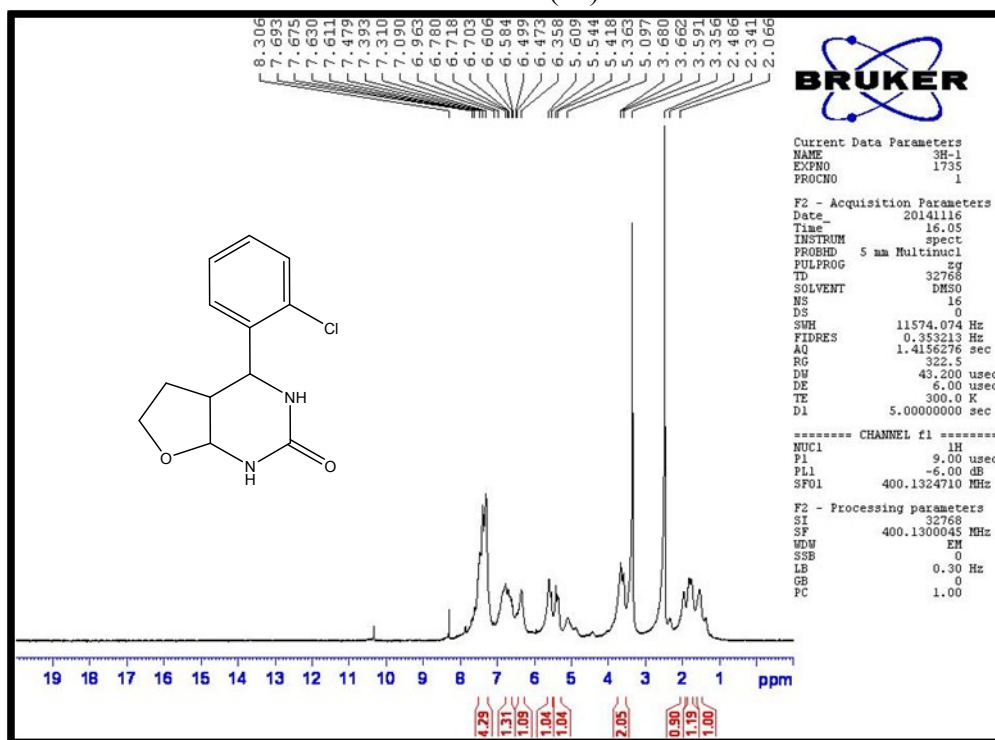
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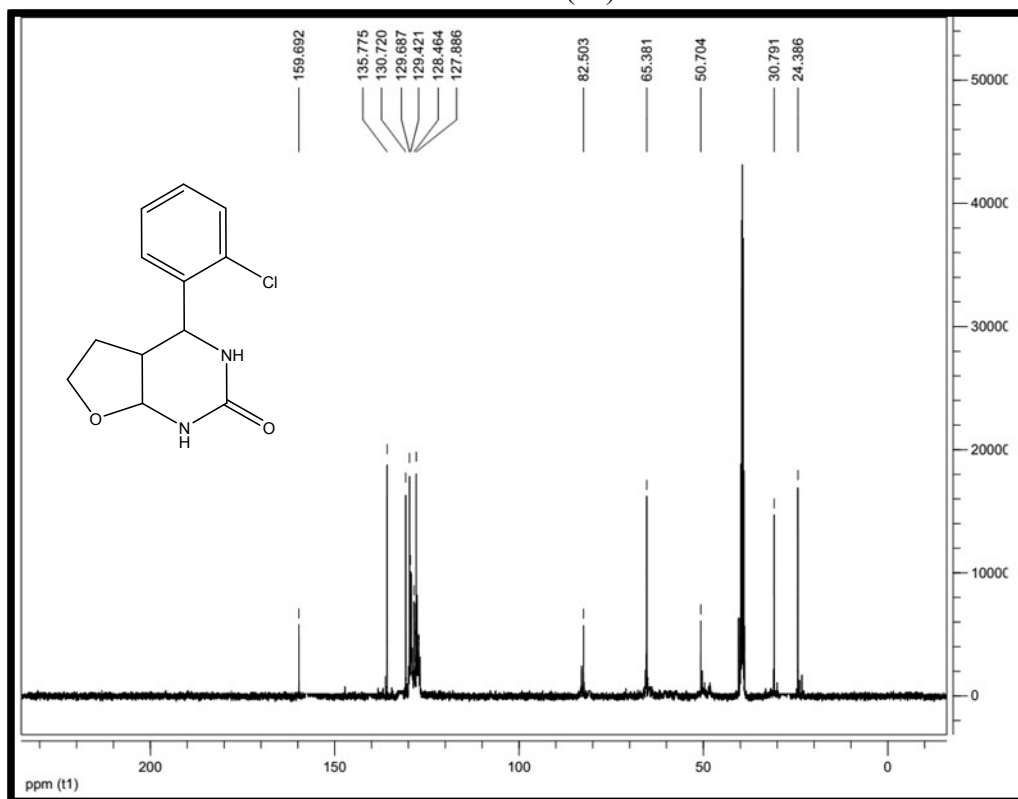
IR (5e)



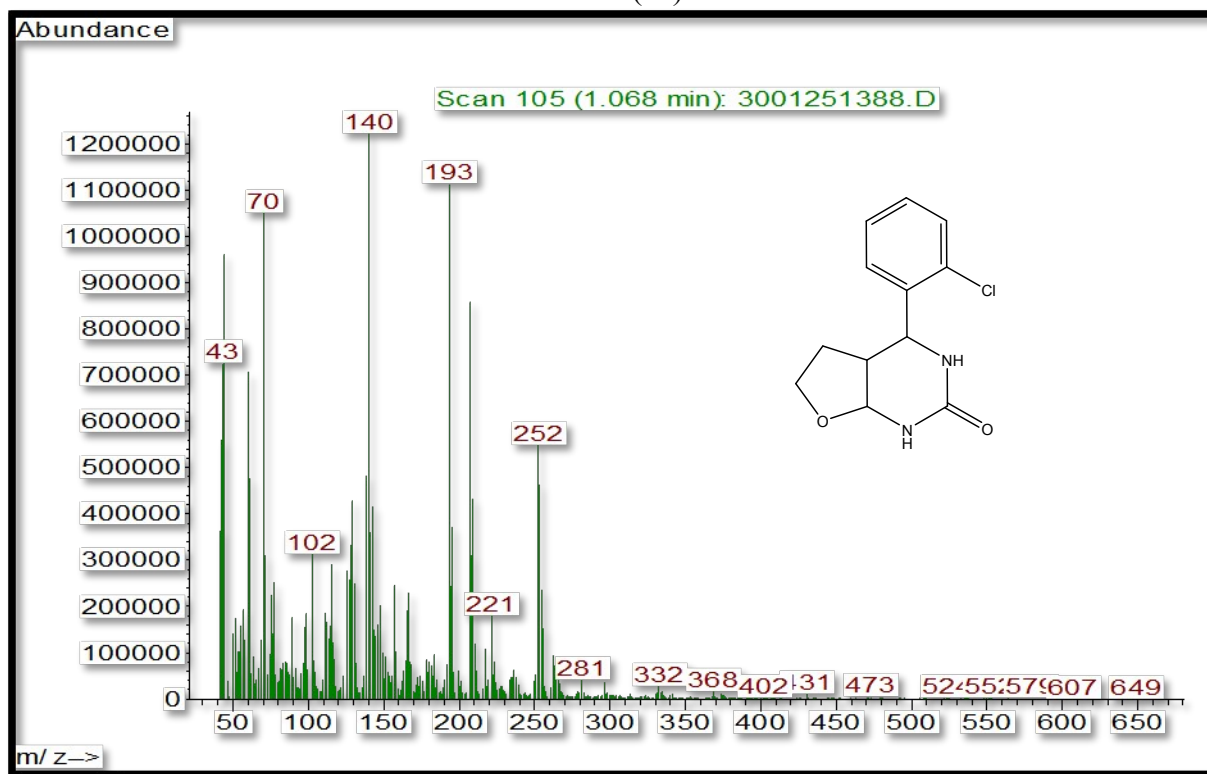
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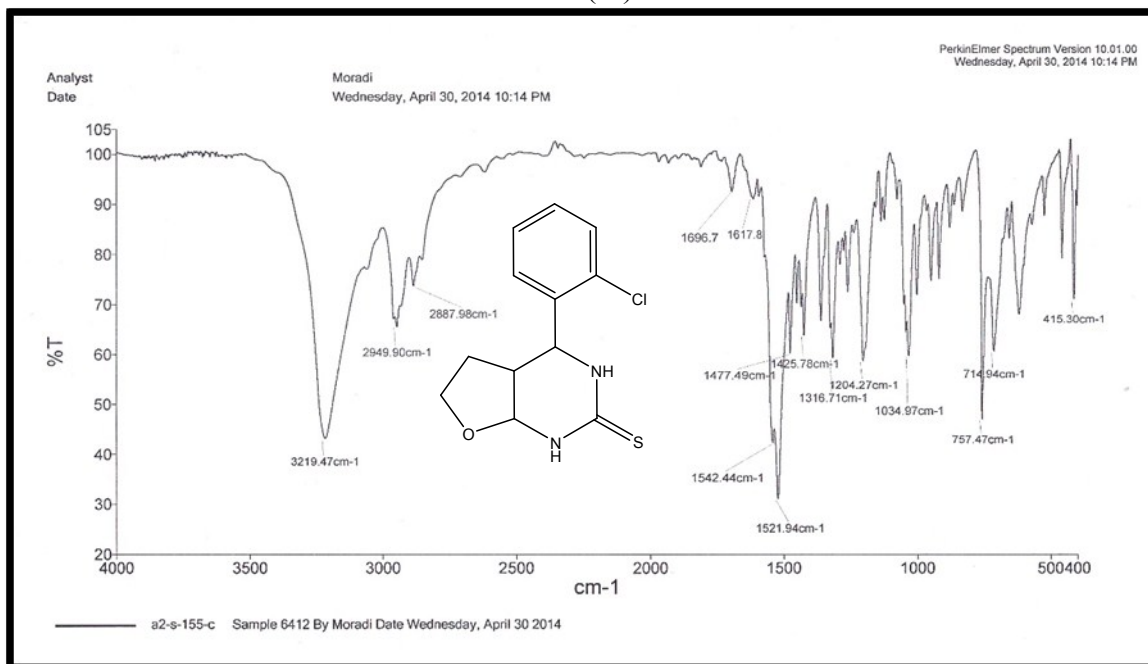
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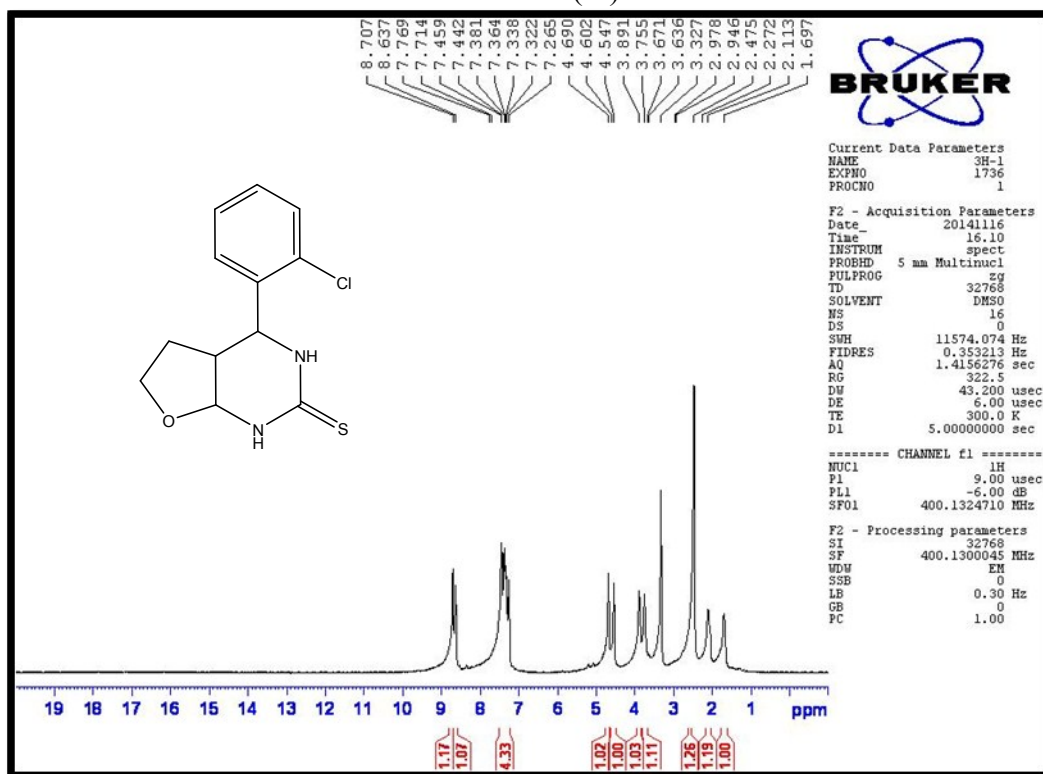
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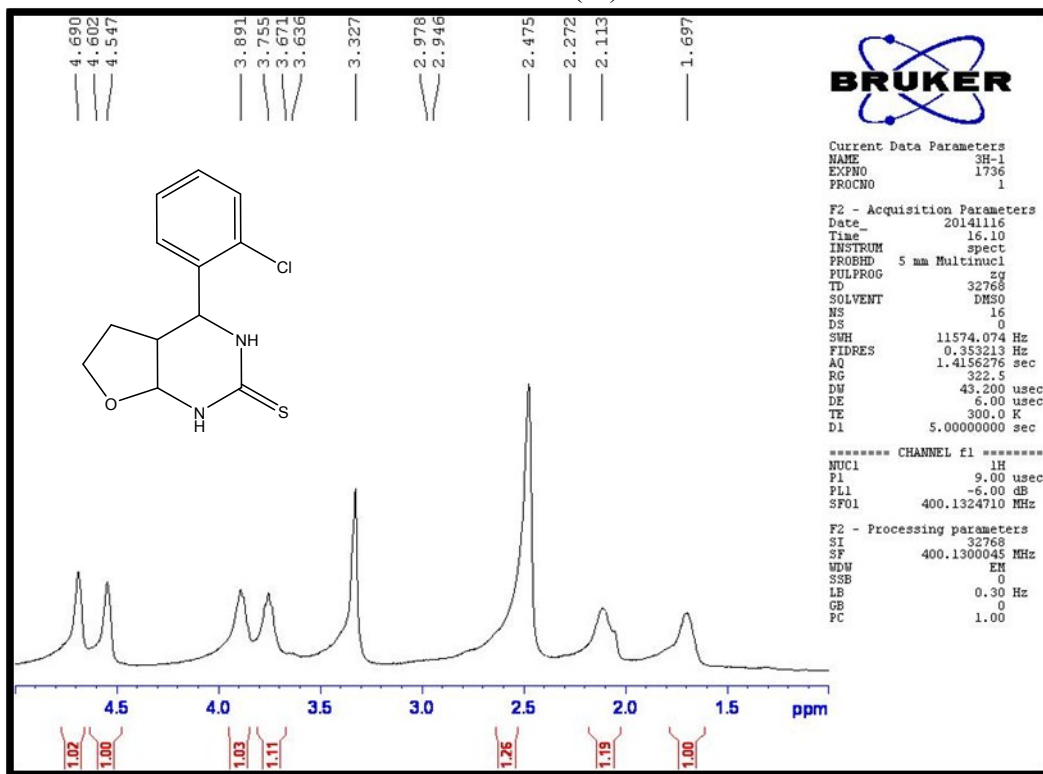
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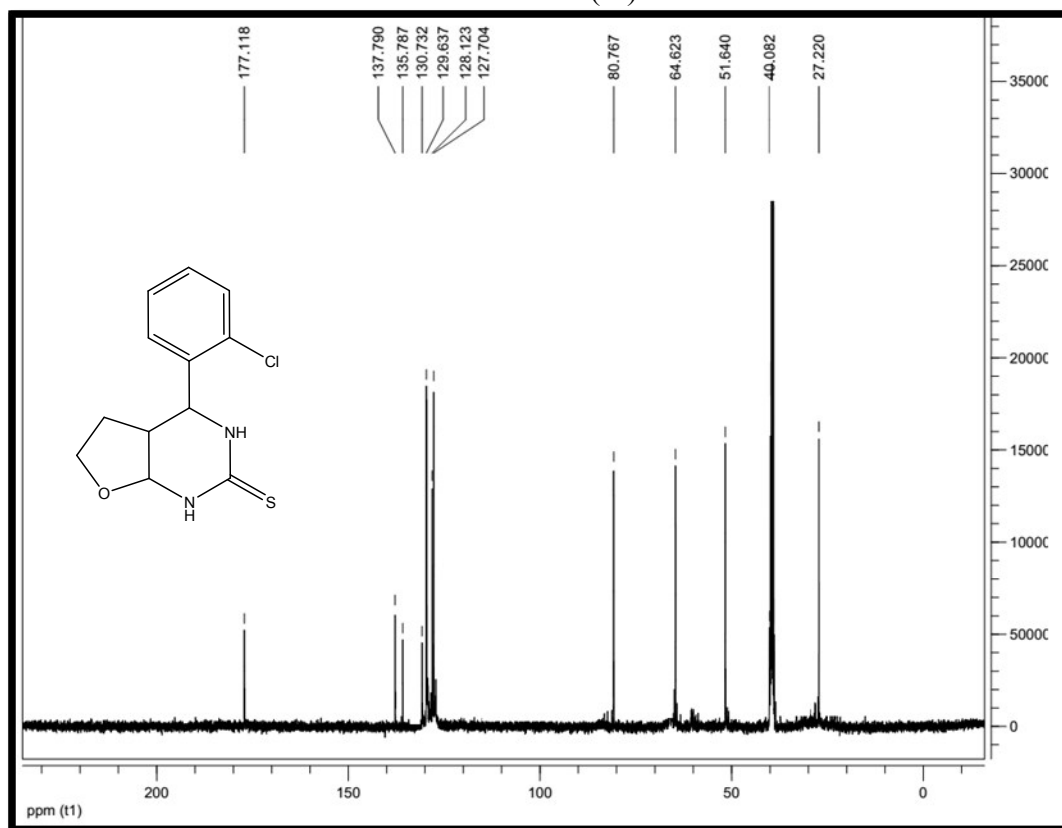
¹H NMR (5f)



¹H NMR (5f)



^{13}C NMR (5f)



Mass (5f)

