

In Vitro* Evaluation of Synthetic Flavones Against *Trypanosoma cruzi

Josimara Souza Andrade,^a Leonardo Gomes de Abreu,^a Policarpo Ademar Sales Junior,^b Silvane Maria Fonseca Murta,^b Jason Guy Taylor^{a,*}

^a Universidade Federal de Ouro Preto, Chemistry Department, ICEB, Campus Universitário Morro do Cruzeiro, CEP 35400-000, Ouro Preto-MG, Brazil.

^b FIOCRUZ, René Rachou Institute, CEP 30190-002, Belo Horizonte-MG, Brazil.

*jason@iceb.ufop.br

Supplementary Material

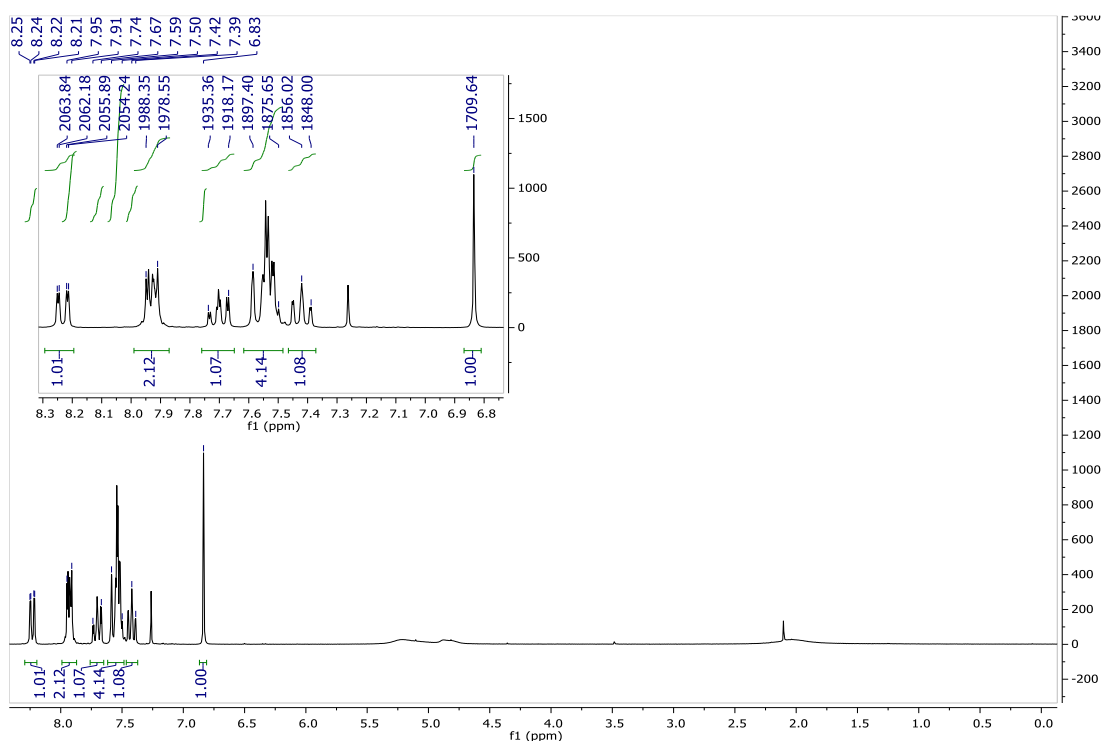


Fig S1. ¹H-NMR of 2-phenyl-4H-chromen-4-one (3a)

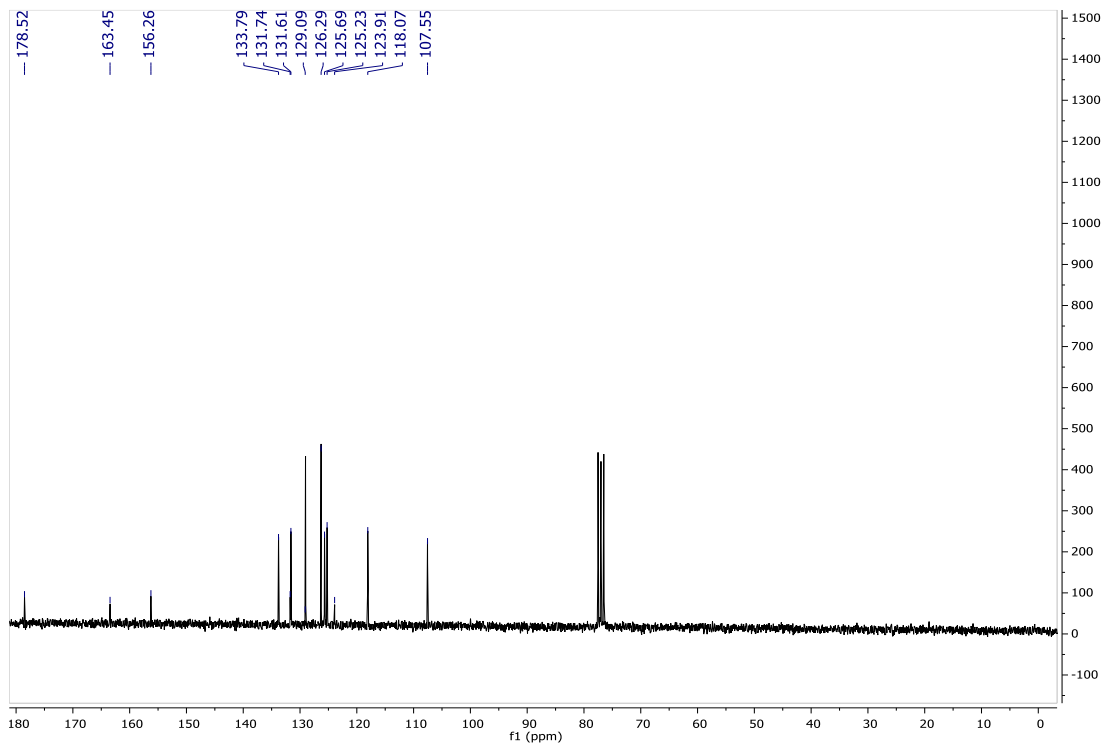


Fig S2. ^{13}C -NMR of 2-phenyl-4H-chromen-4-one (**3a**)

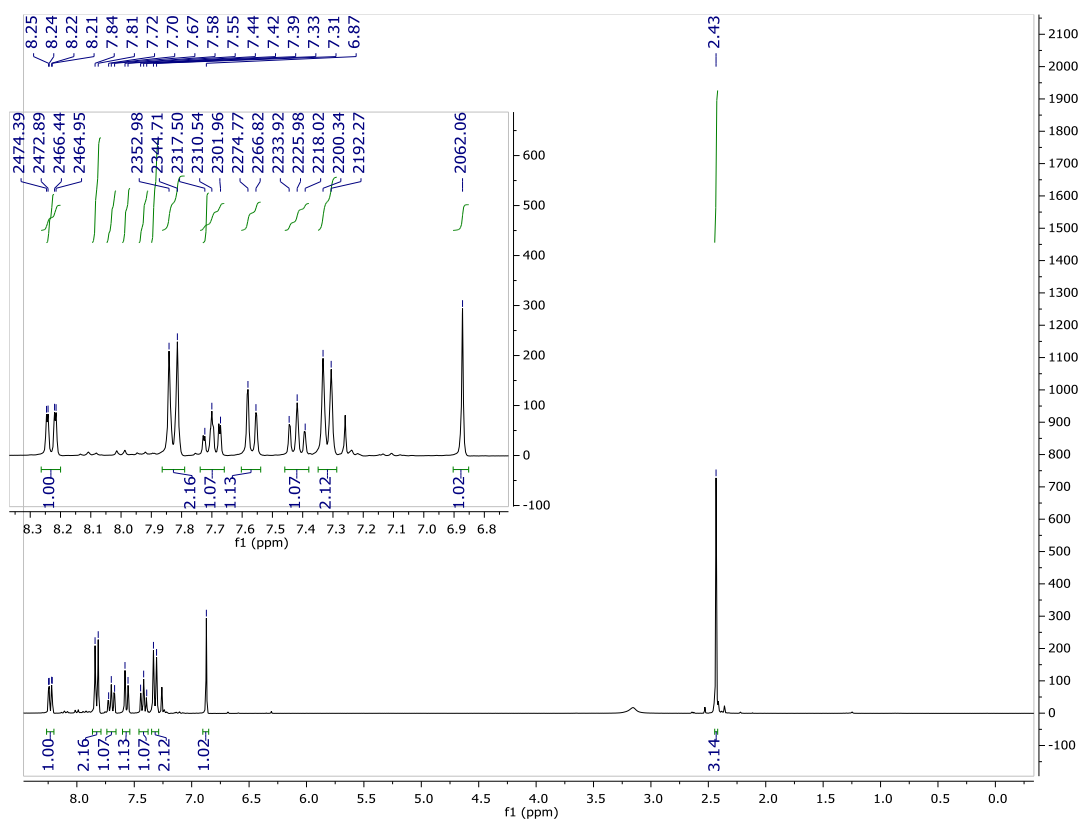


Fig S3. ^1H -NMR of 2-(p-tolyl)-4H-chromen-4-one (**3b**)

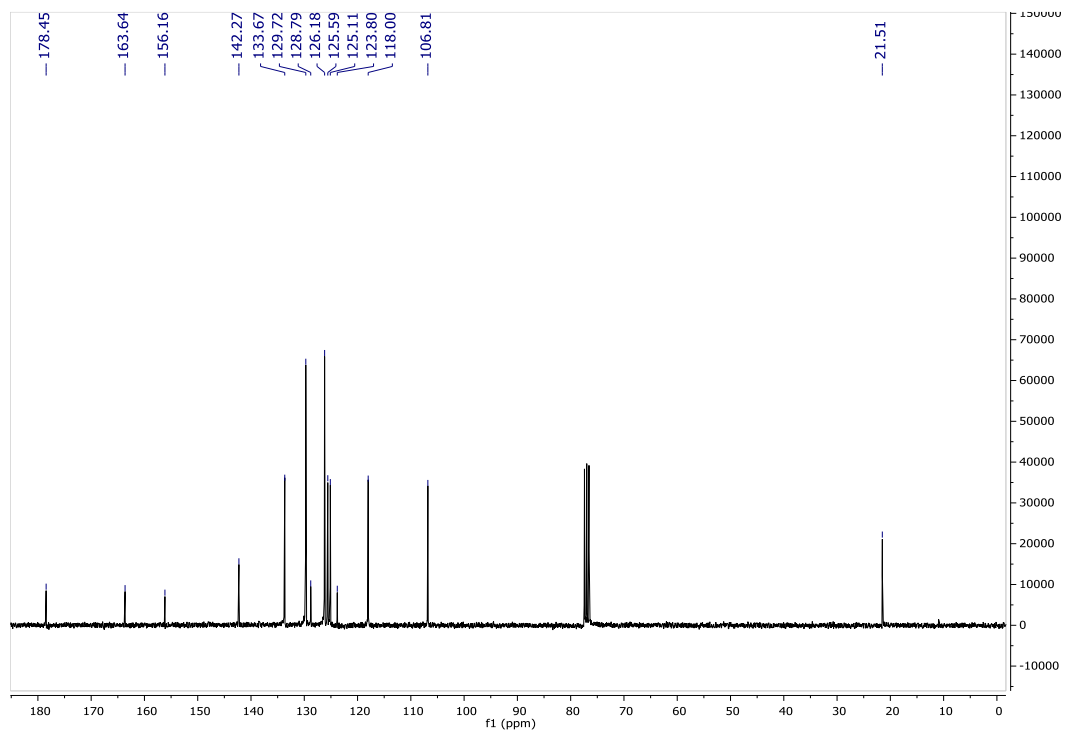


Fig S4. ^{13}C -NMR of 2-(p-tolyl)-4H-chromen-4-one (**3b**)

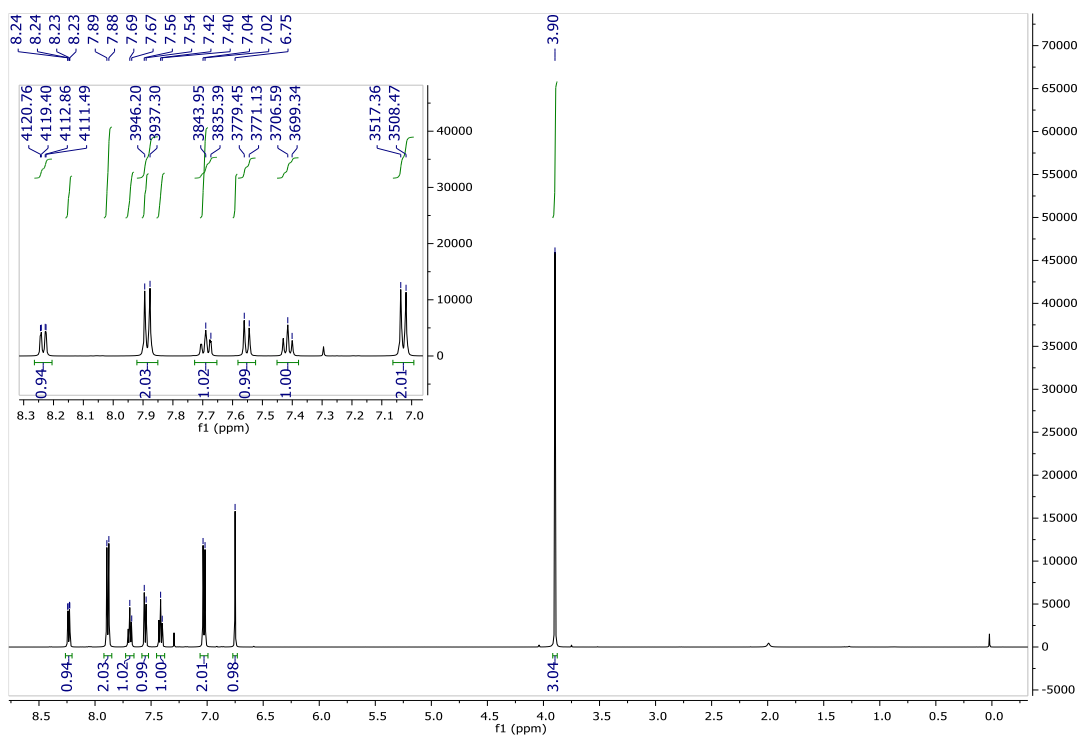


Fig S5. ^1H -NMR of 2-(4-methoxyphenyl)-4H-chromen-4-one (**3c**)

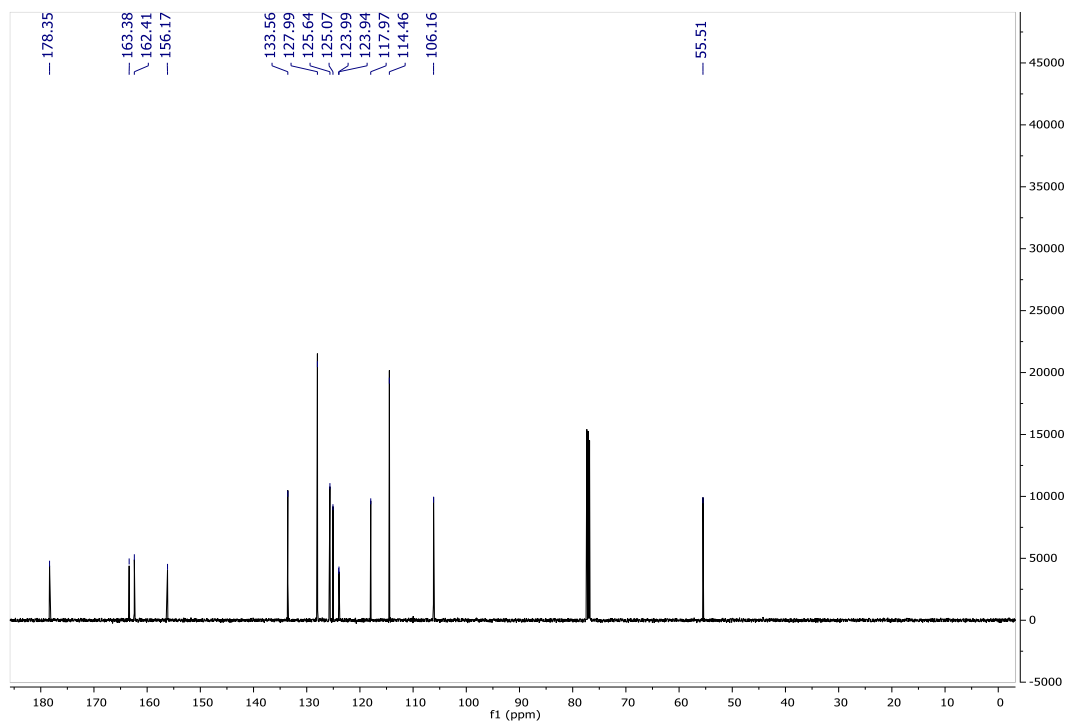


Fig S6. ^{13}C -NMR of 2-(4-methoxyphenyl)-4H-chromen-4-one (**3c**)

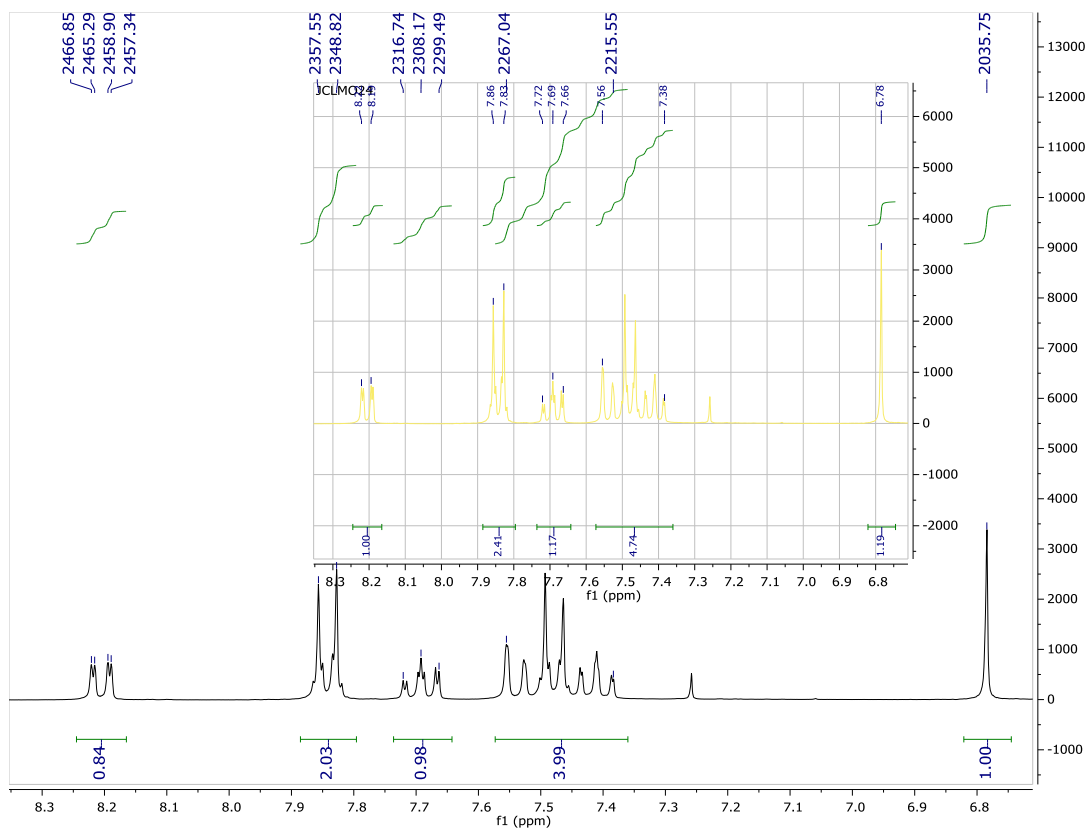


Fig S7. ^1H -NMR of 2-(4-chlorophenyl)-4H-chromen-4-one (**3d**)

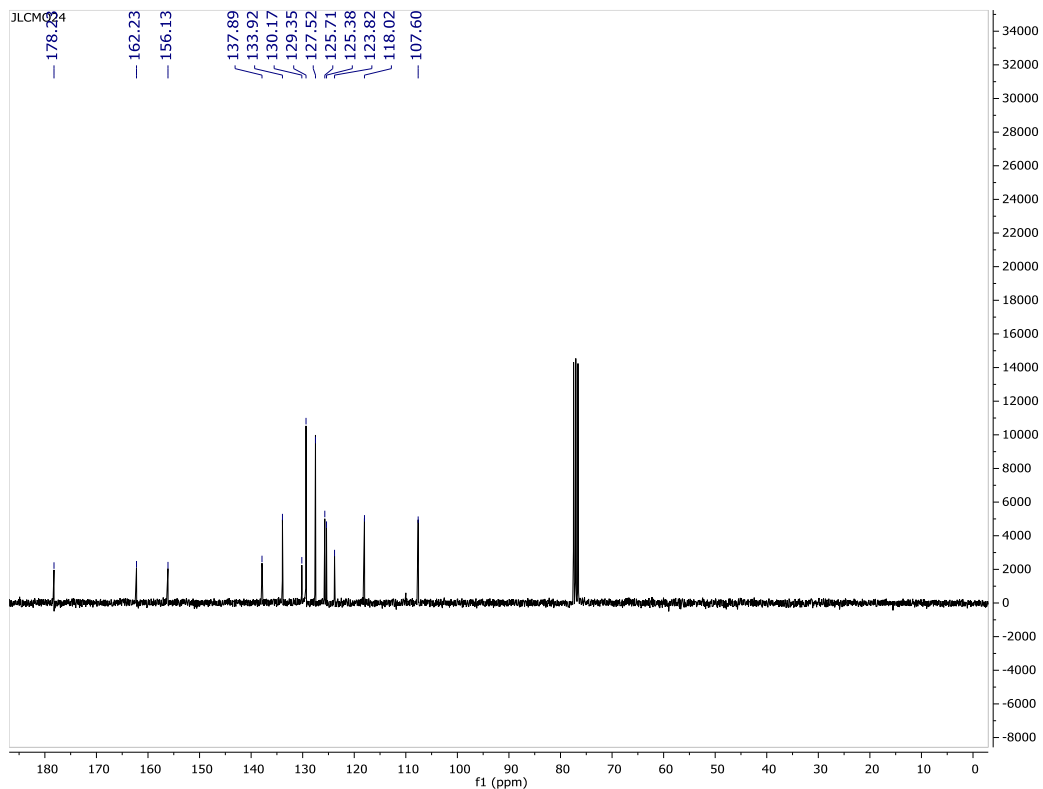


Fig S8. ¹³C-NMR of 2-(4-chlorophenyl)-4H-chromen-4-one (3d)

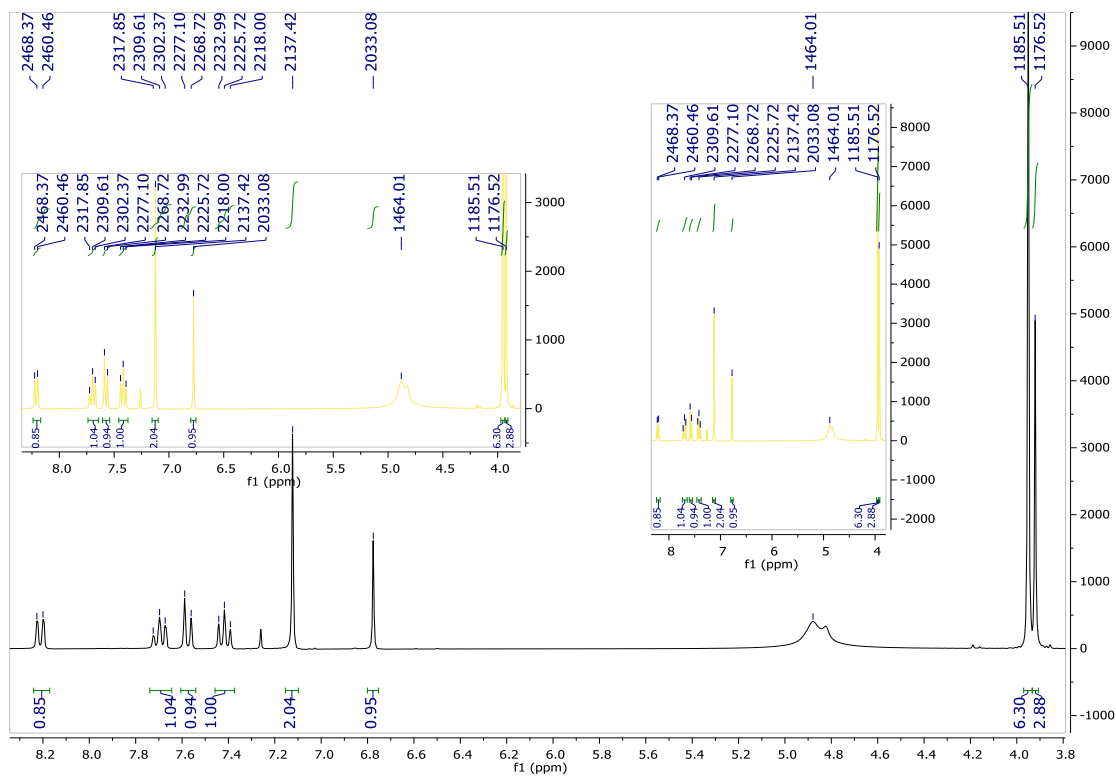


Fig S9. ¹H-NMR of 2-(3,4,5-trimethoxyphenyl)-4H-chromen-4-one (3e)

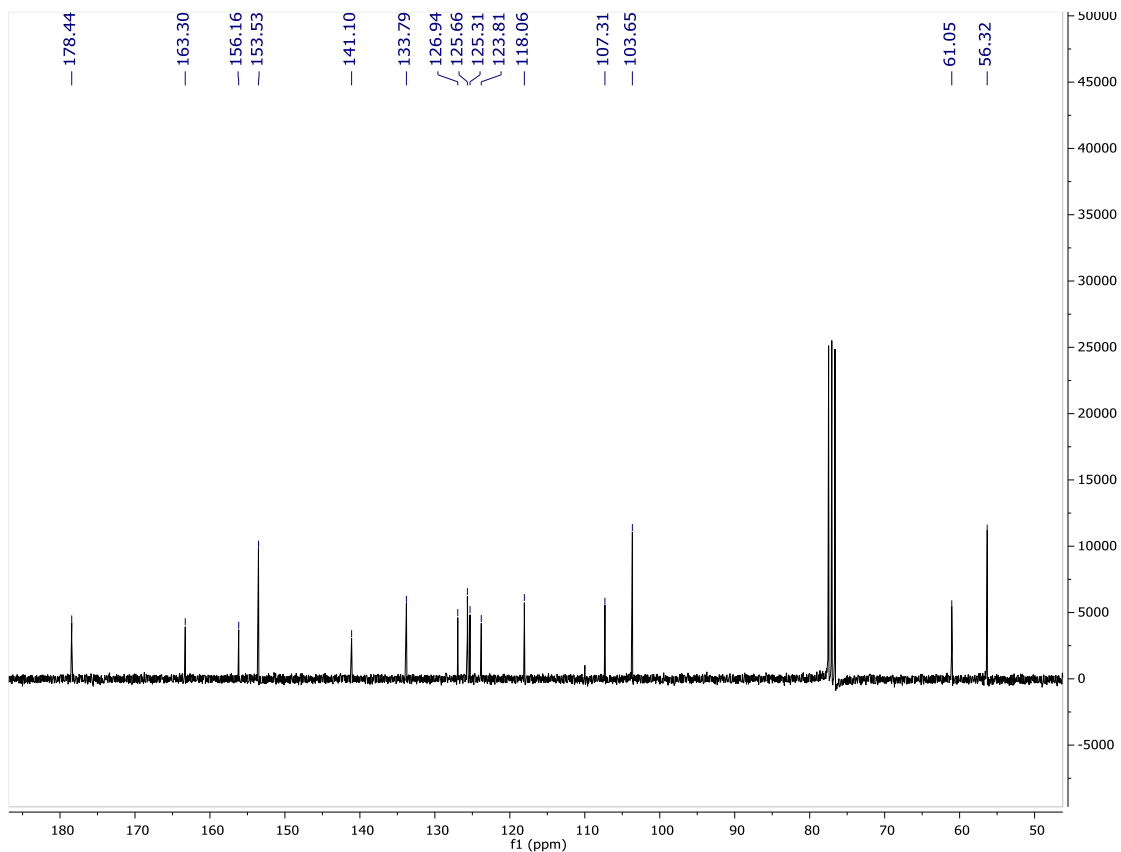


Fig S10. ^{13}C -NMR of 2-(3,4,5-trimethoxyphenyl)-4H-chromen-4-one (**3e**)

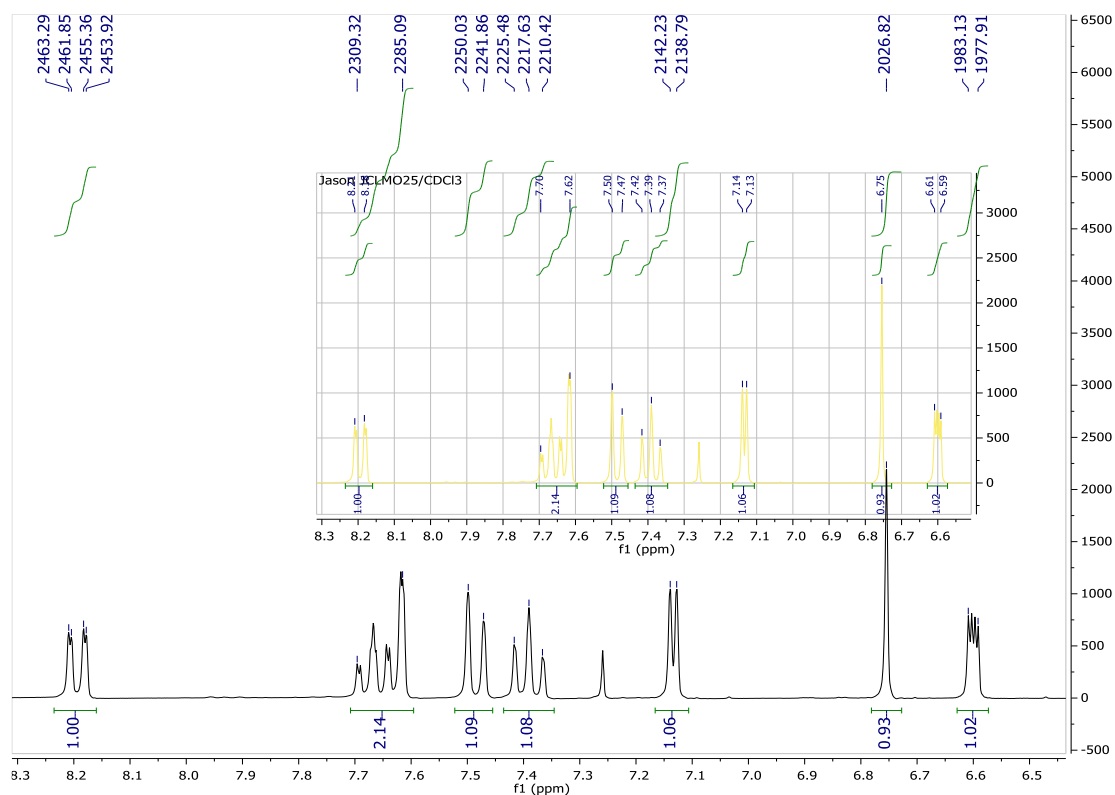


Fig S11. ^1H -NMR of 2-(furan-2-yl)-4H-chromen-4-one (**3f**)

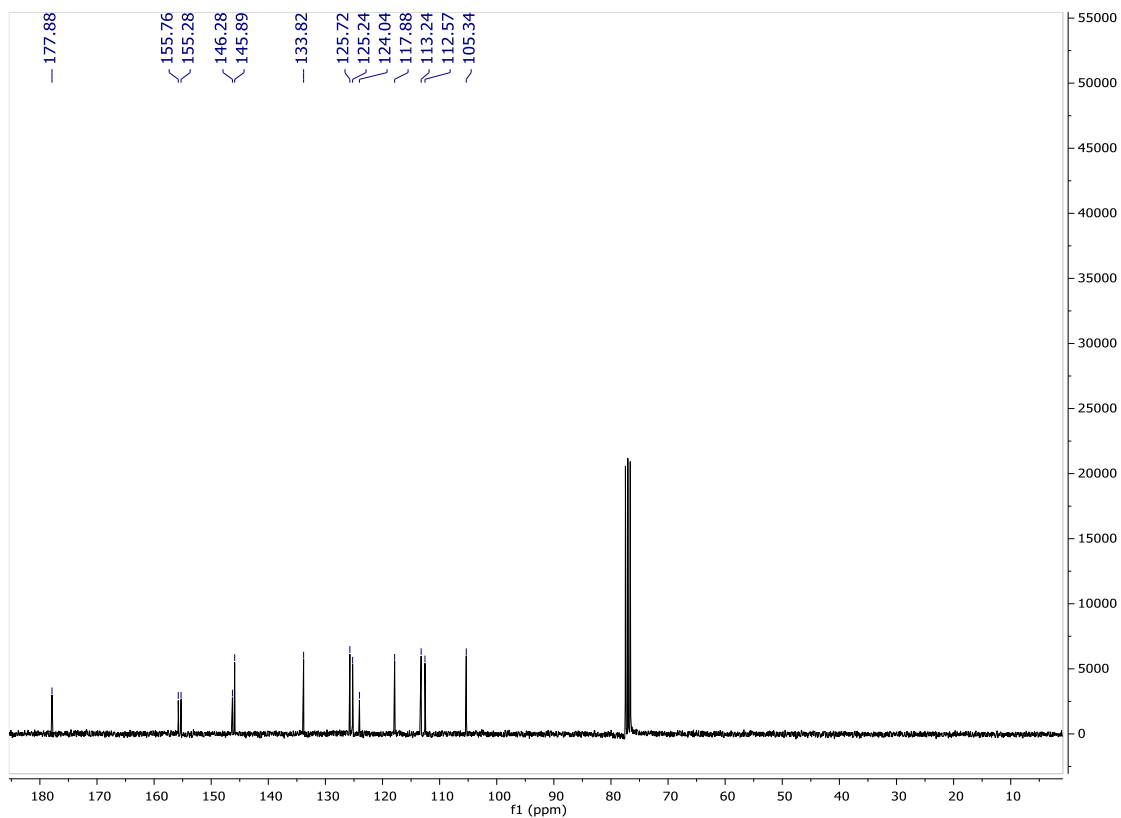


Fig S12. ^{13}C -NMR of 2-(furan-2-yl)-4H-chromen-4-one (**3f**)

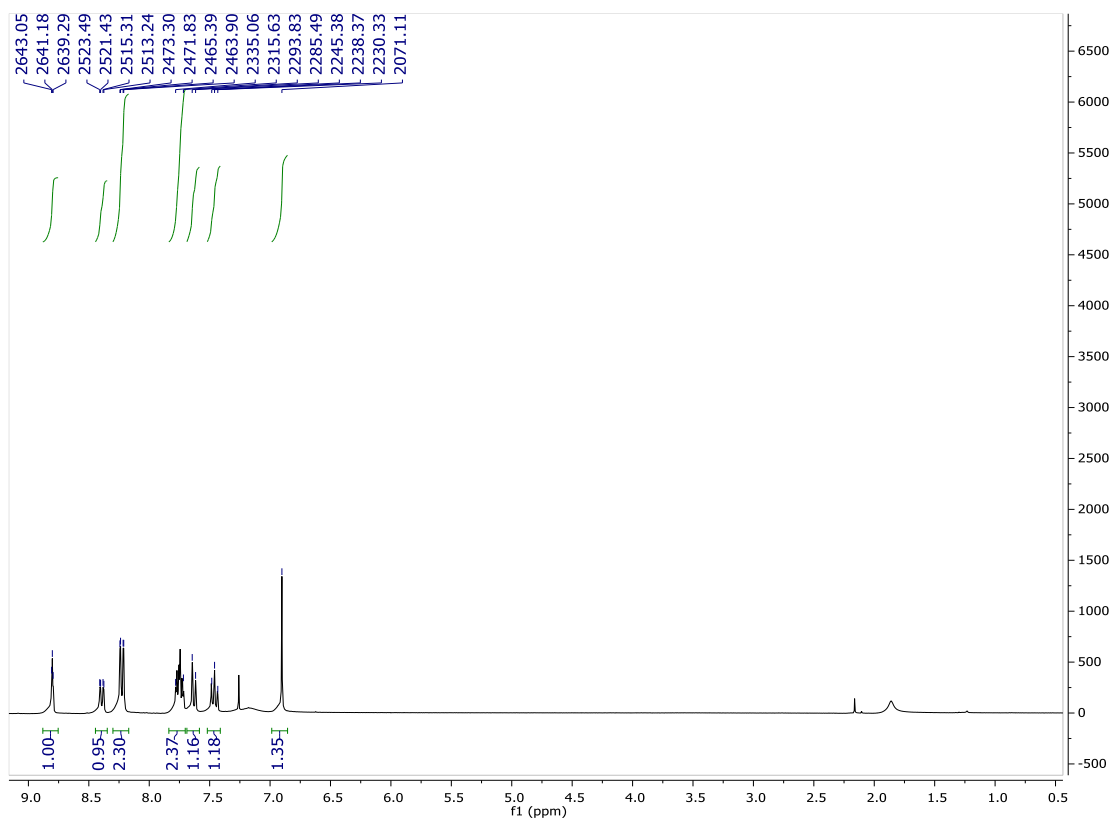


Fig S13. ^1H -NMR of 2-(3-nitrophenyl)-4H-chromen-4-one (**3g**)

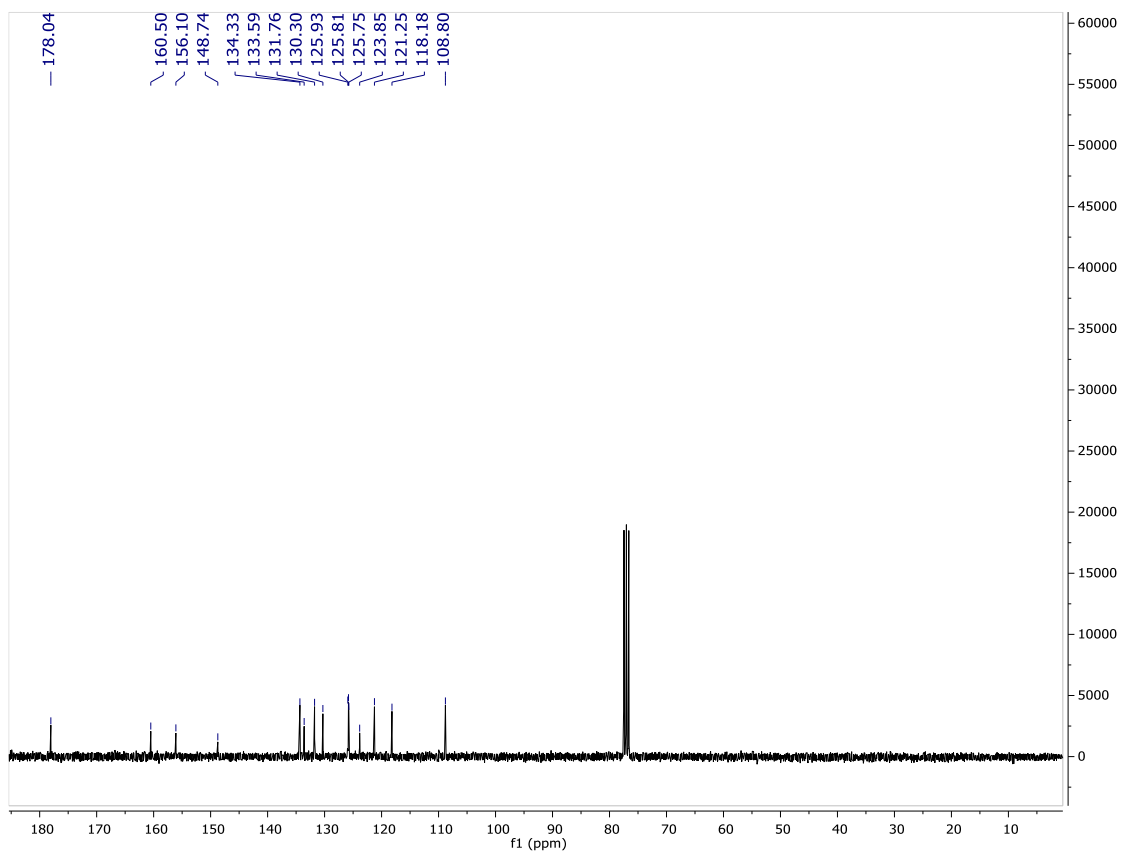


Fig S14. ^{13}C -NMR of 2-(3-nitrophenyl)-4H-chromen-4-one (**3g**)

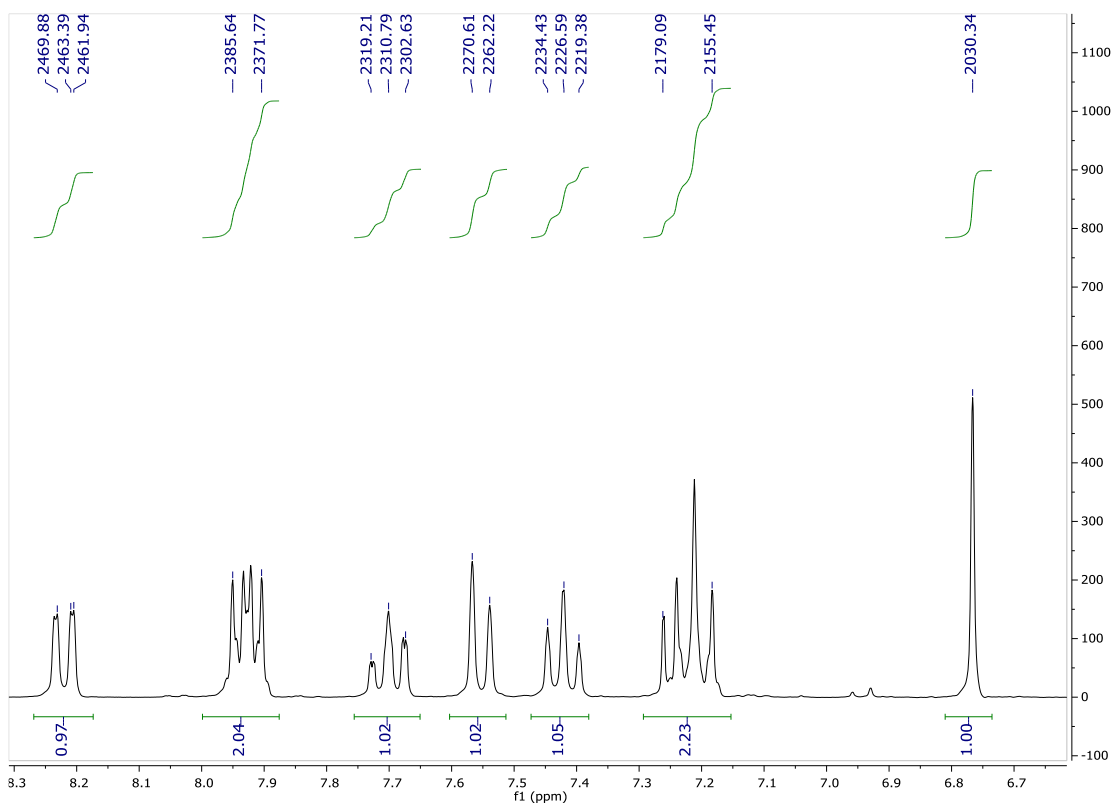


Fig S15. ^1H -NMR of 2-(4-fluorophenyl)-4H-chromen-4-one (**3h**)

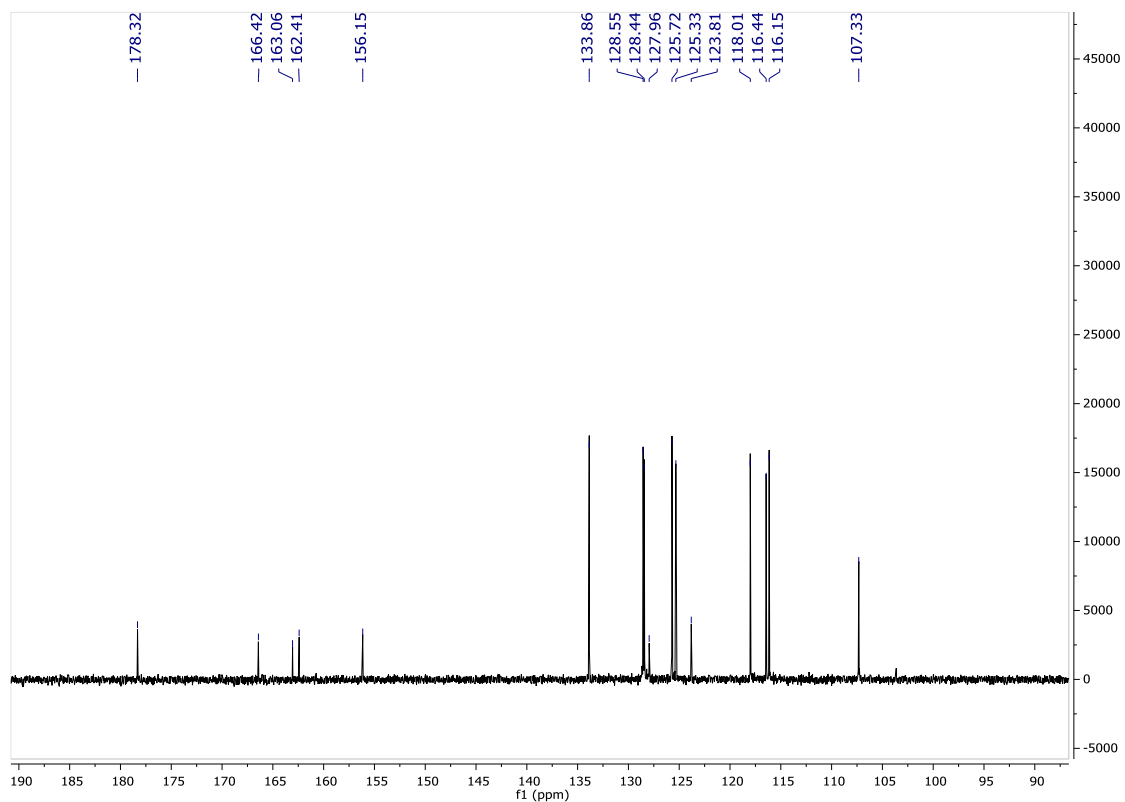


Fig S16. ^{13}C -NMR of 2-(4-fluorophenyl)-4H-chromen-4-one (**3h**)

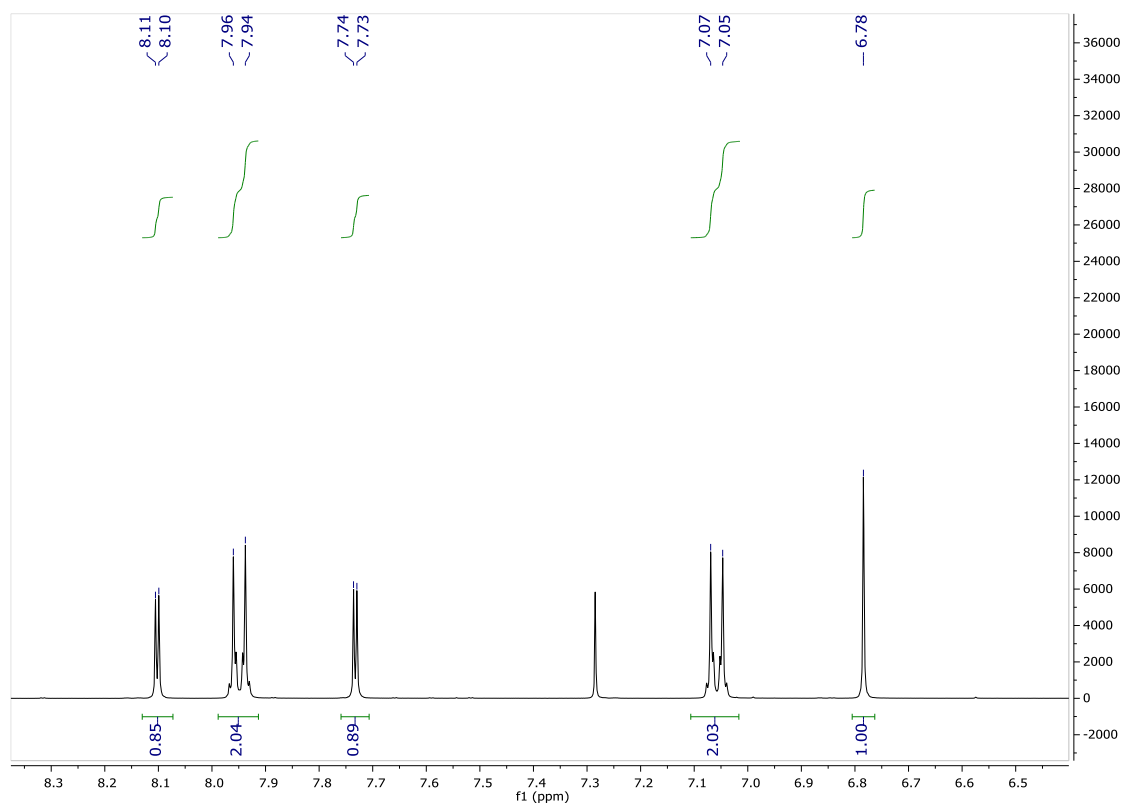


Fig S17. ^1H -NMR of 6,8-dichloro-2-(4-methoxyphenyl)-4H-chromen-4-one (**3i**)

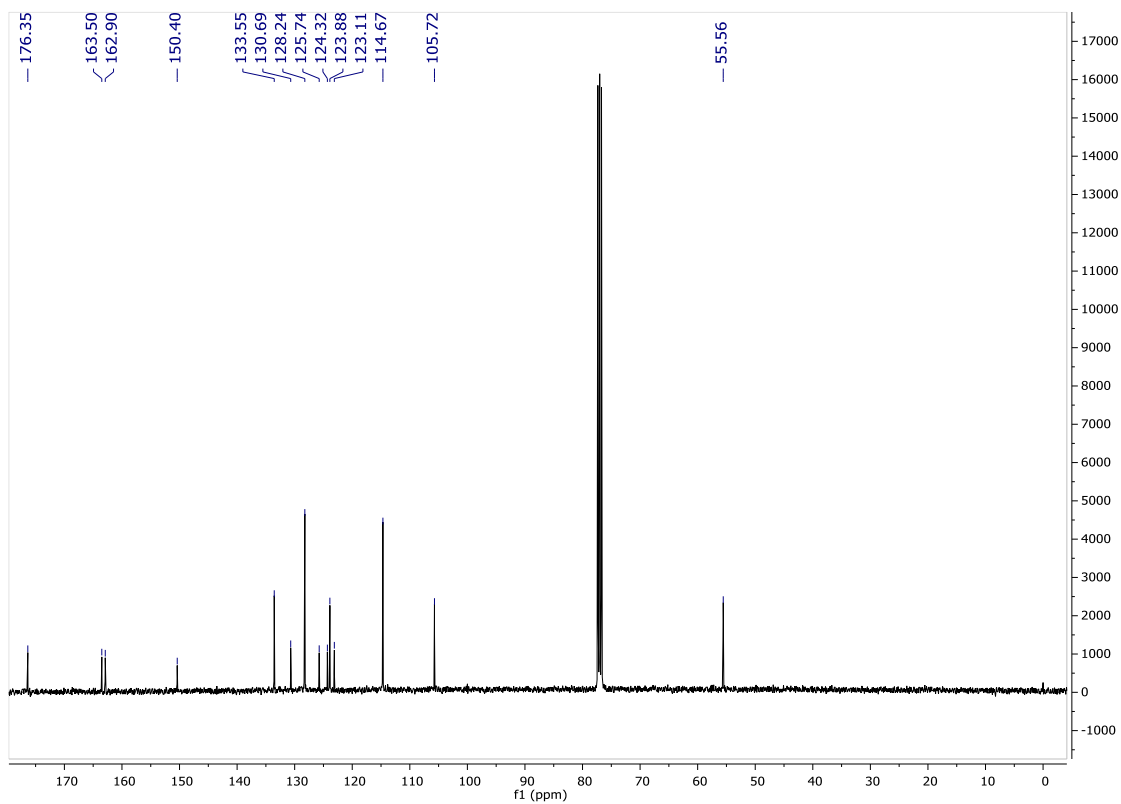


Fig S18. ^{13}C -NMR of 6,8-dichloro-2-(4-methoxyphenyl)-4H-chromen-4-one (**3i**)

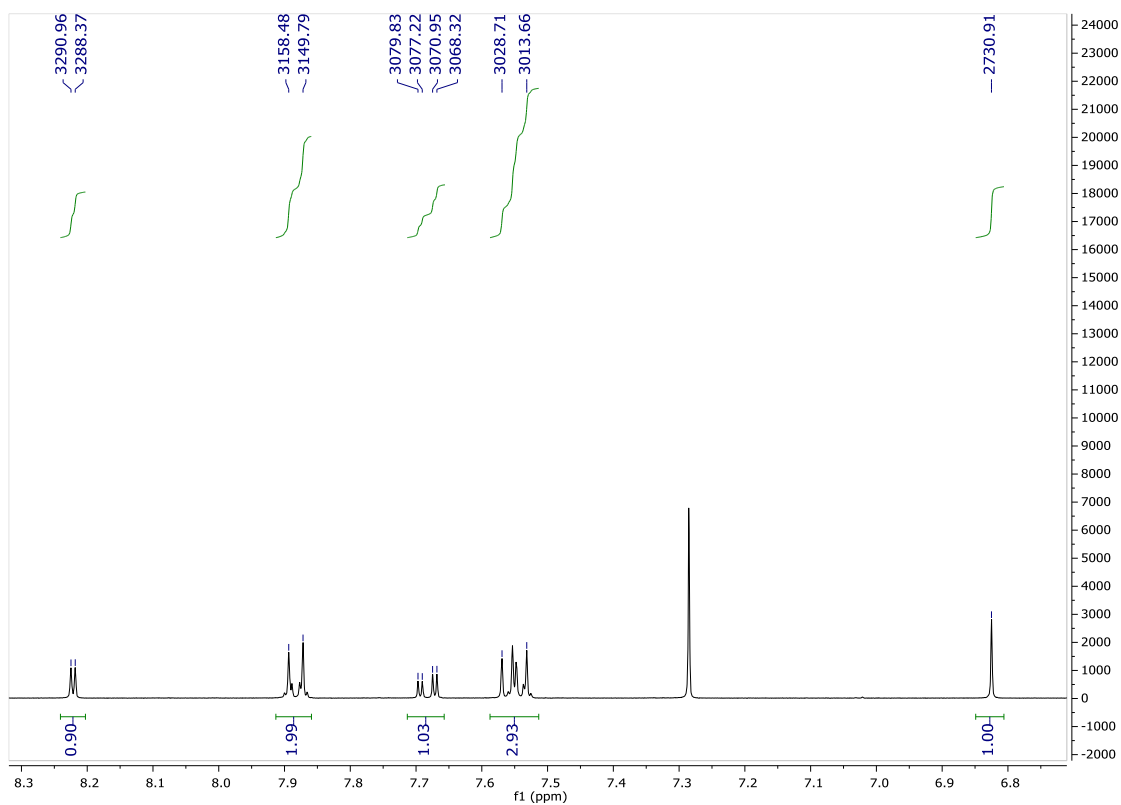


Fig S19. ^1H -NMR of 6-chloro-2-(4-chlorophenyl)-4H-chromen-4-one (**3j**)

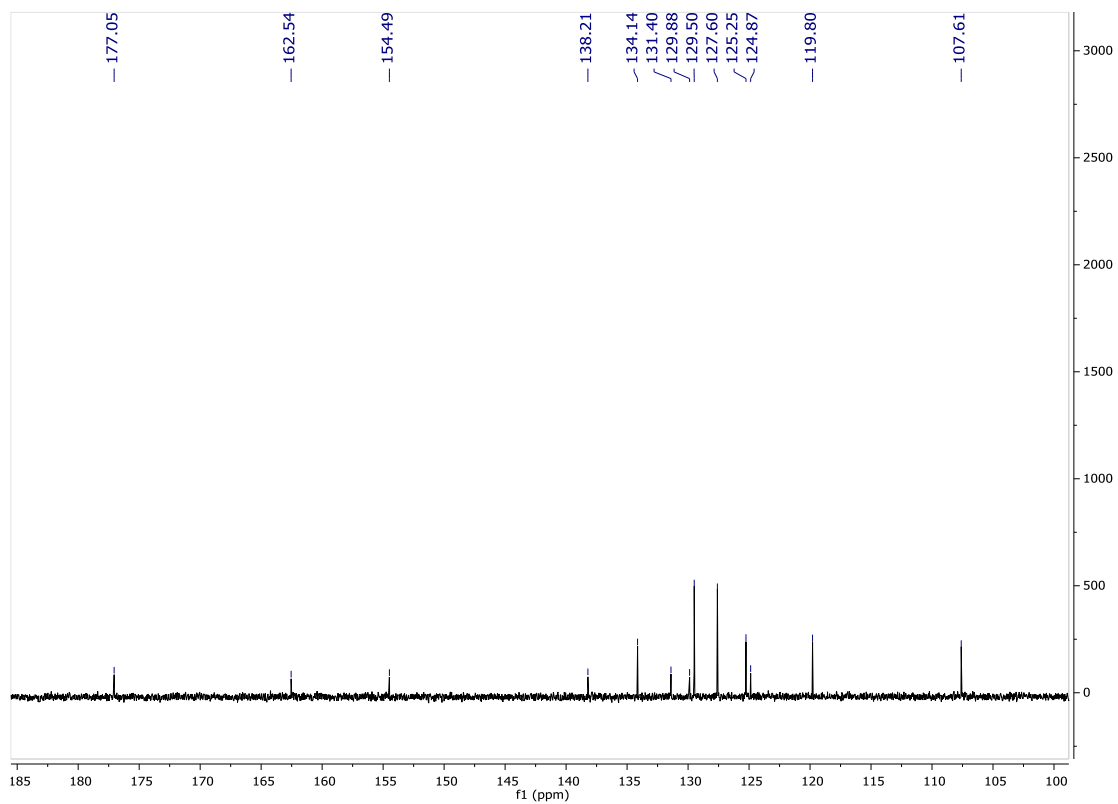


Fig S20. ^{13}C -NMR of 6-chloro-2-(4-chlorophenyl)-4H-chromen-4-one (**3j**)

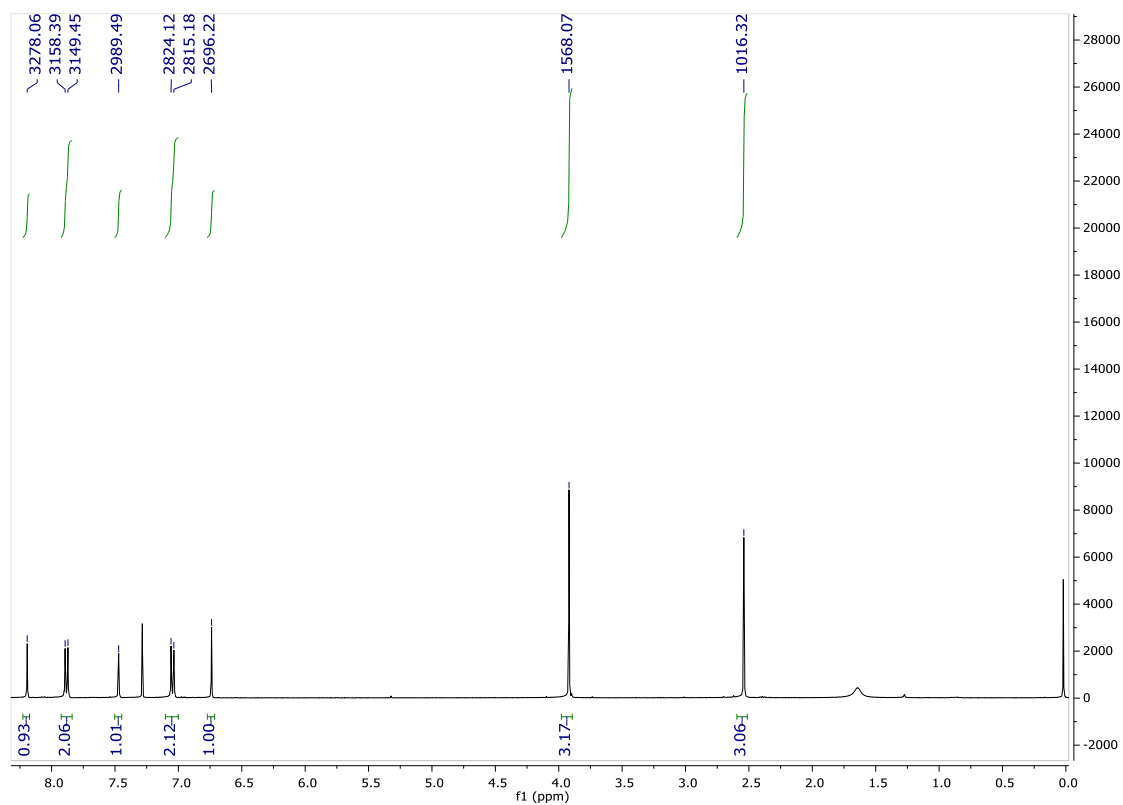


Fig S21. ^1H -NMR of 6-chloro-2-(4-methoxyphenyl)-7-methyl-4H-chromen-4-one (**3k**)

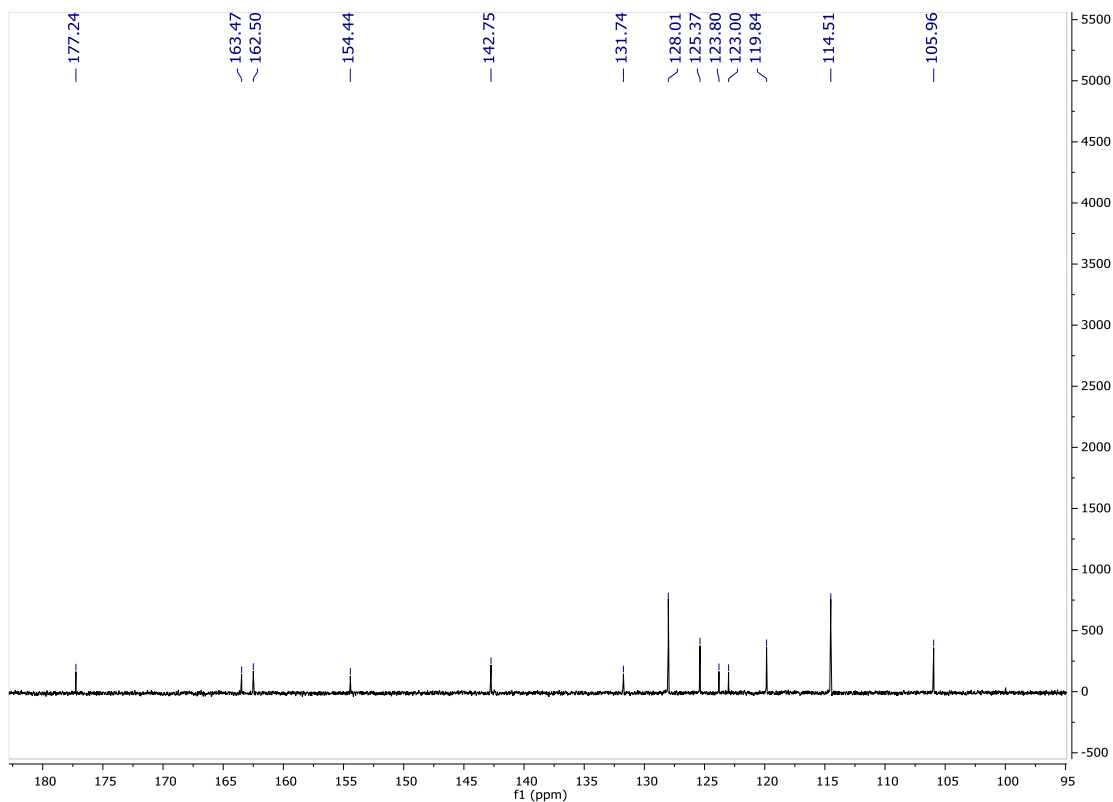


Fig S22. ^{13}C -NMR of 6-chloro-2-(4-methoxyphenyl)-7-methyl-4H-chromen-4-one (**3k**)

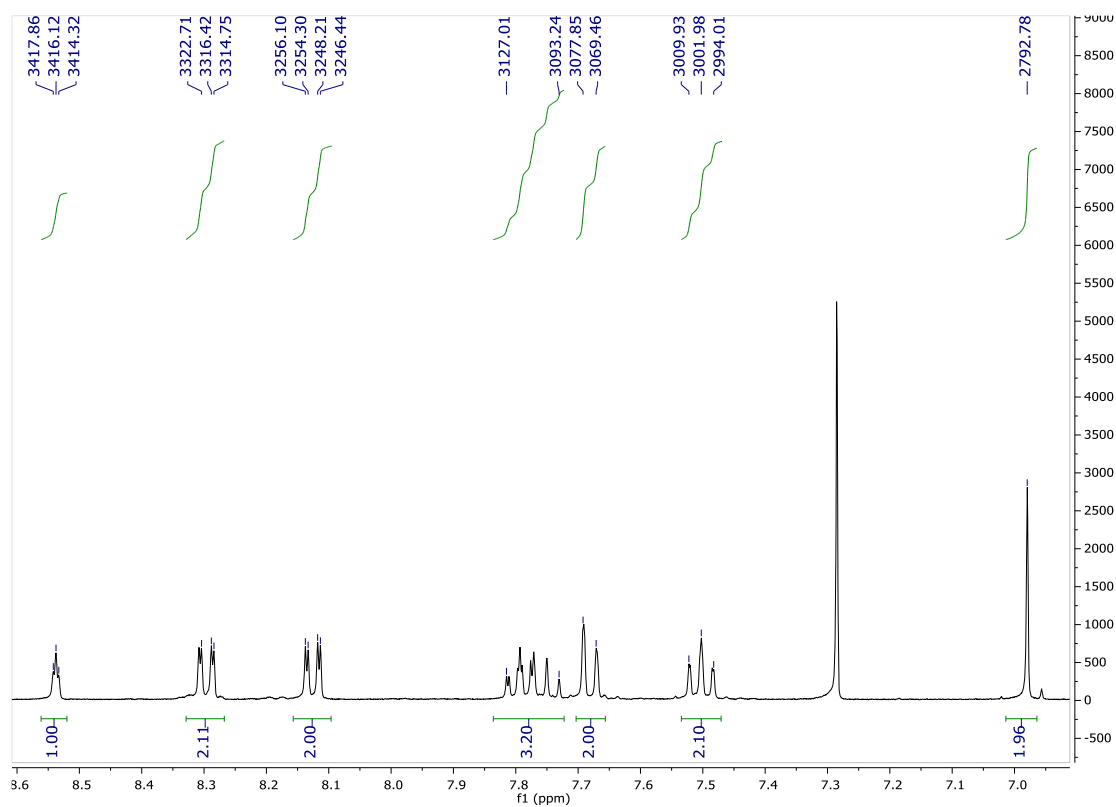


Fig S23. ^1H -NMR of 2,2'-(1,3-phenylene)bis(4H-chromen-4-one) (**3l**)

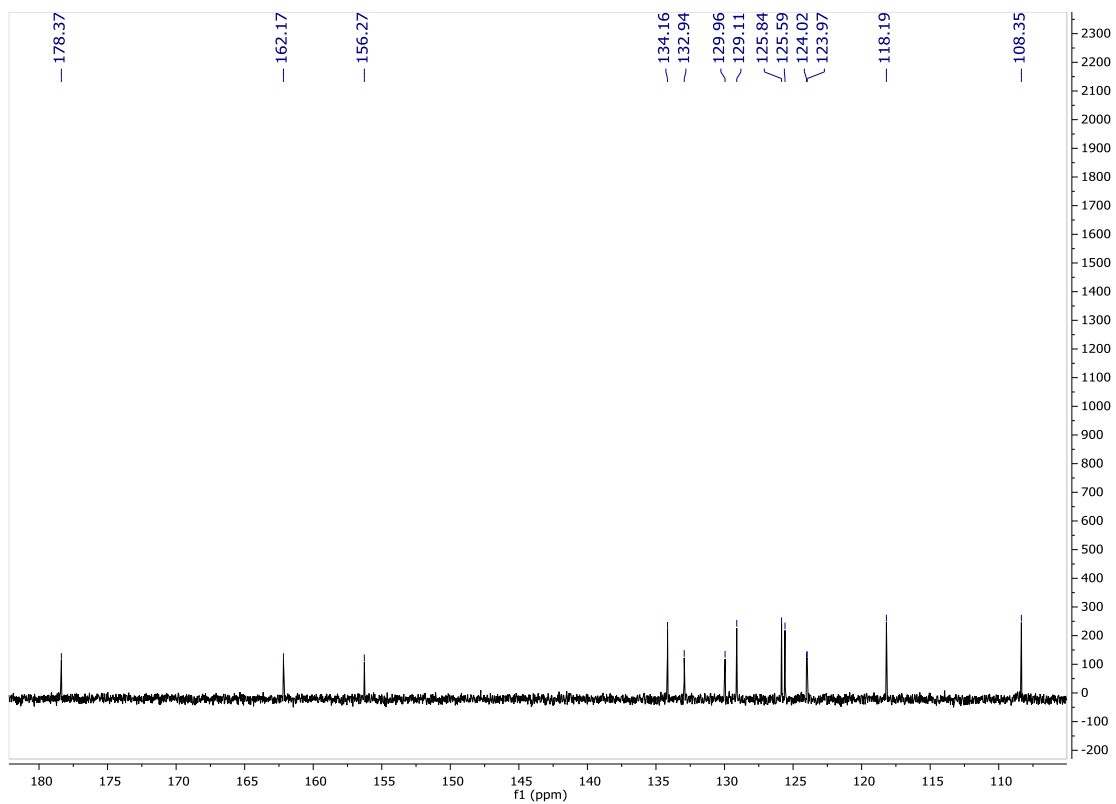


Fig S24. ^{13}C -NMR of 2,2'-(1,3-phenylene)bis(4H-chromen-4-one) (**3I**):

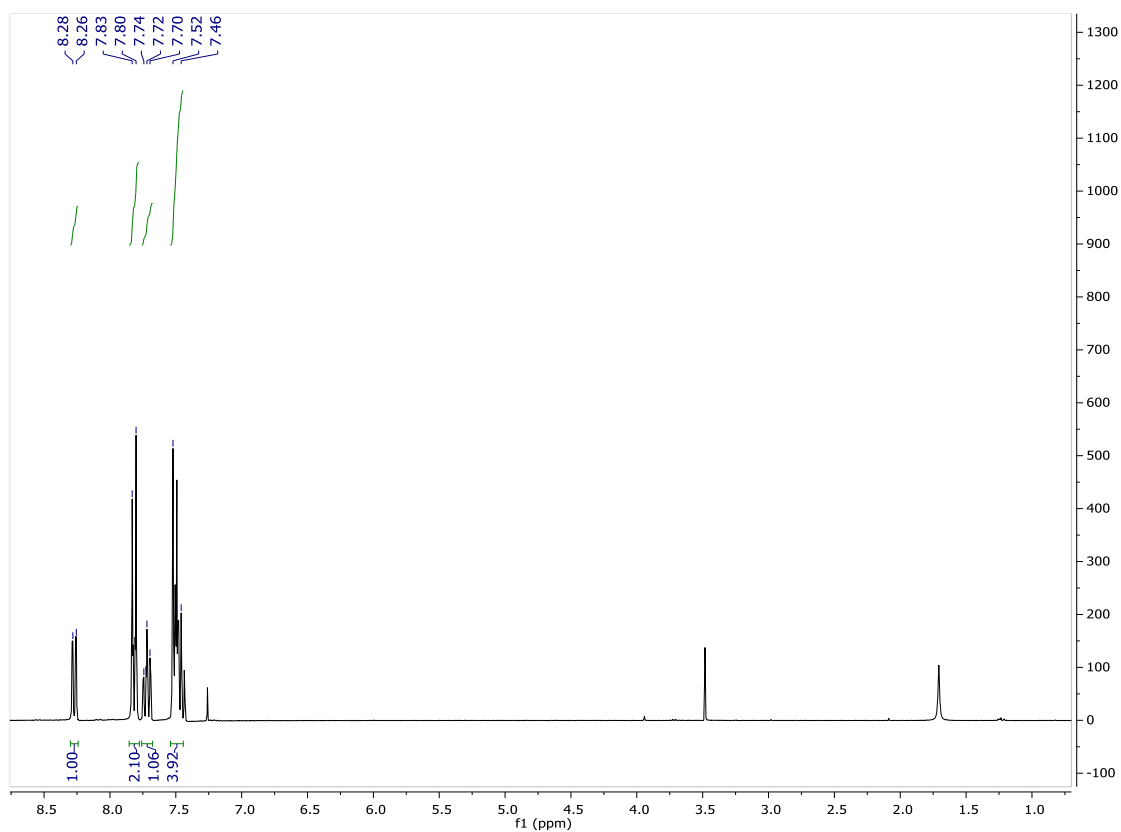


Fig S25. ^1H -NMR of 3m:

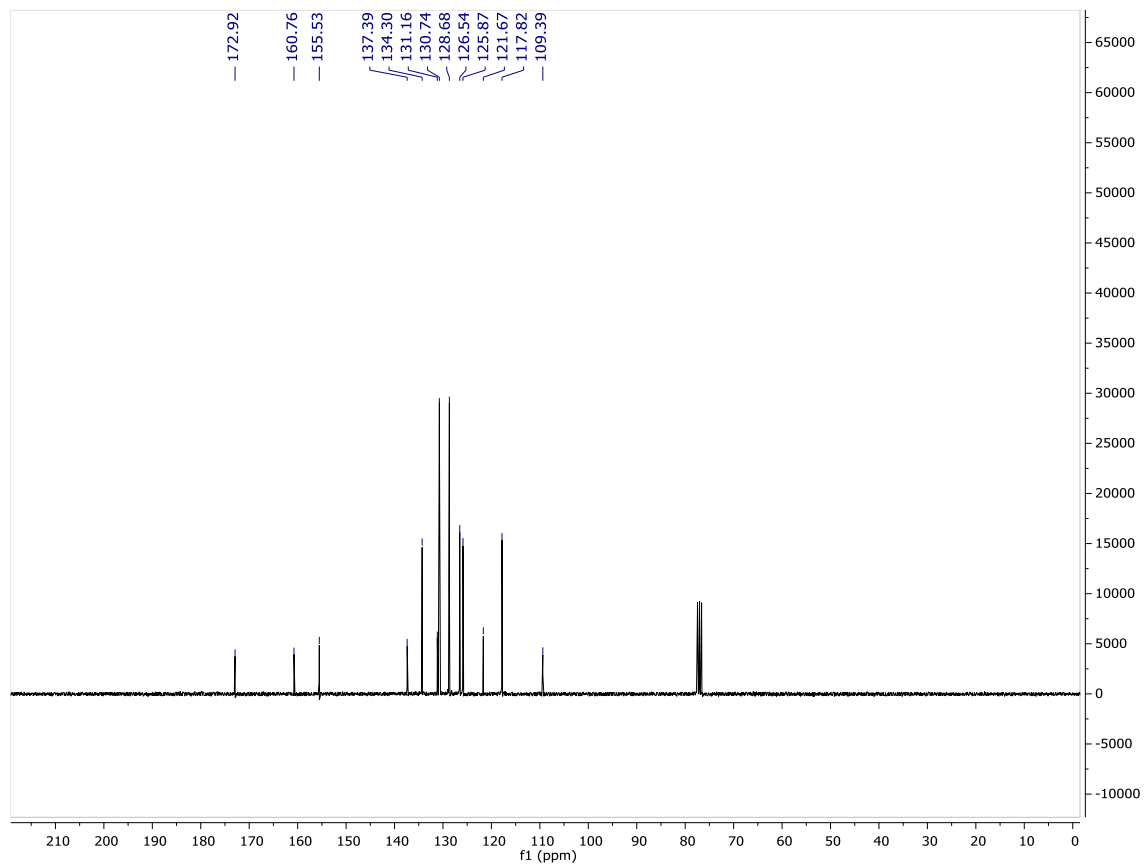


Fig S26. ^{13}C -NMR of 3m: