

Design, Cytotoxicity and Antiproliferative Activity of 4-Amino-5-methyl-thieno[2,3-d]pyrimidine-6-carboxylates against MFC-7 and MDA-MB-231 Breast Cancer Cell Lines

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Supplementary materials

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¹HNMR spectra (Figure S9-a,b – S15-a,b).....p.10-p.18

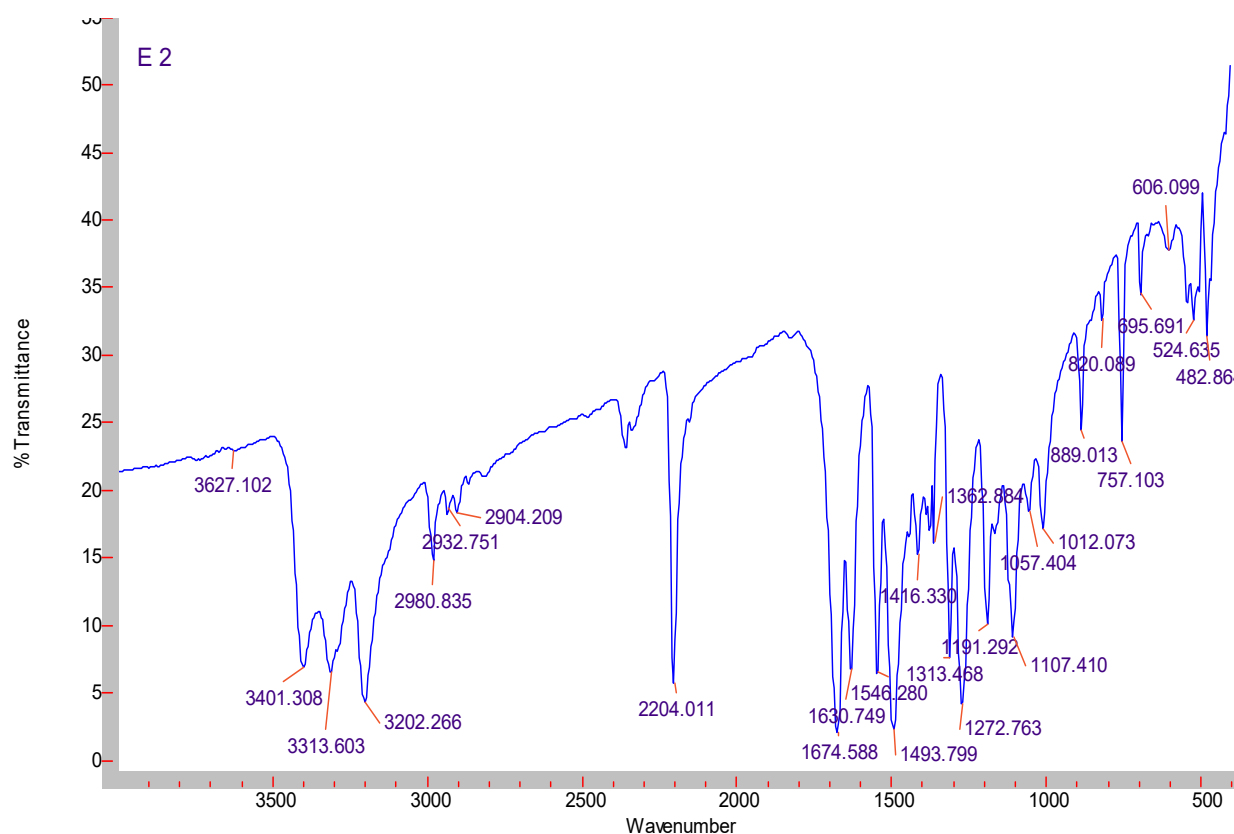


Figure S1-a IR spectrum of compounds 1

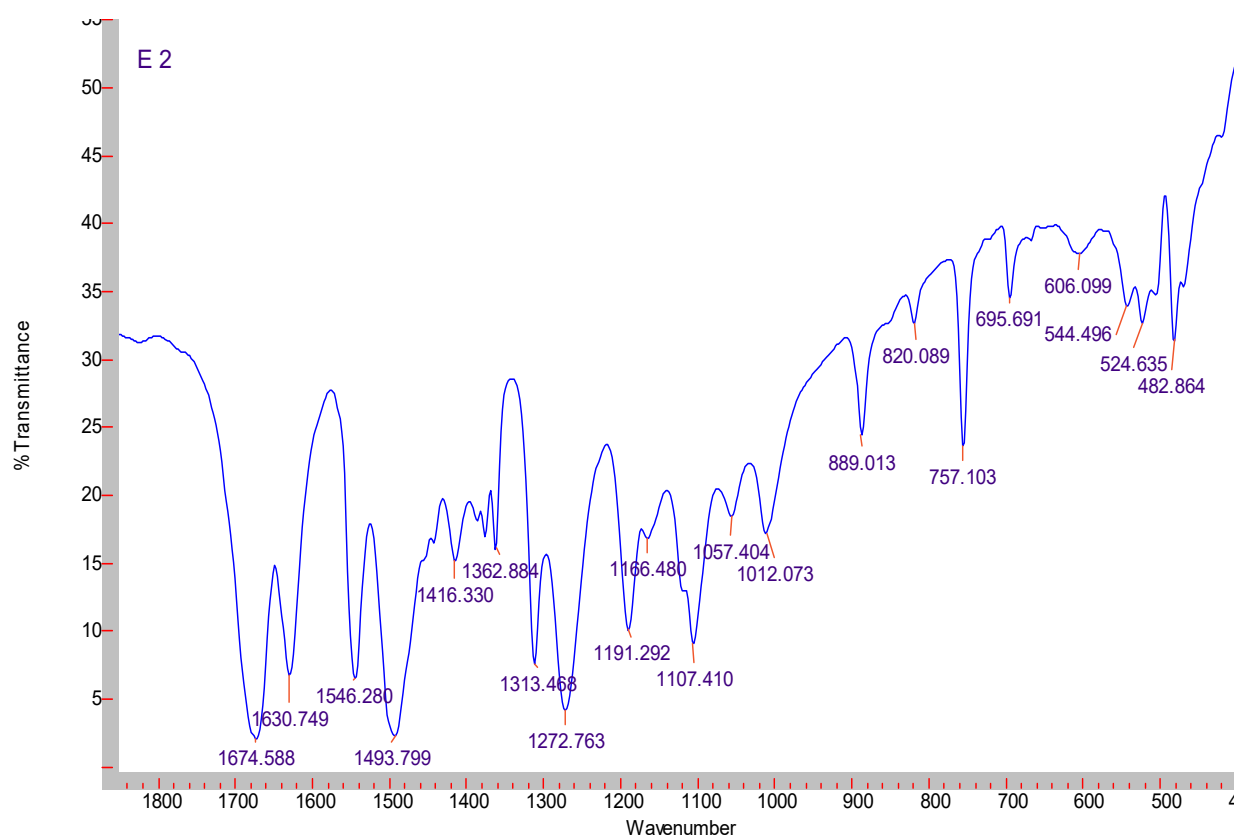


Figure S1-b IR spectrum of compounds 1

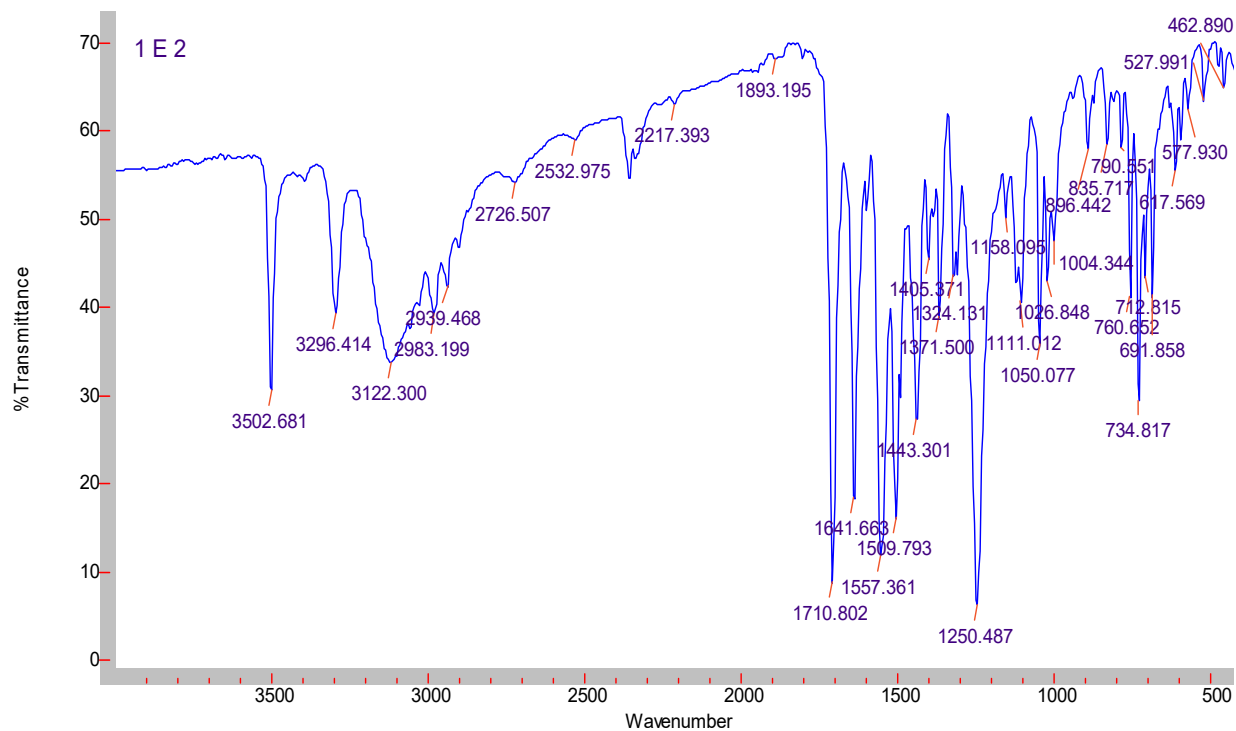


Fig S2-a IR spectrum of compound 2

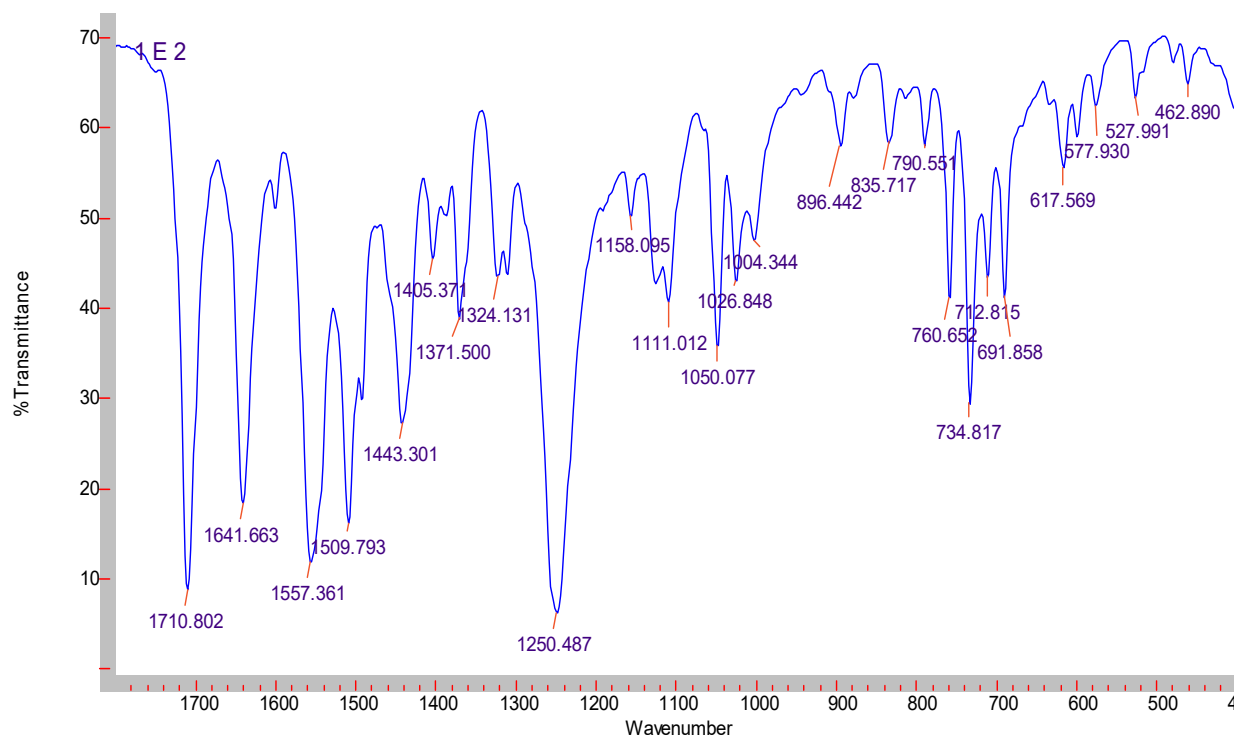


Figure S2-b IR spectrum of compound 2

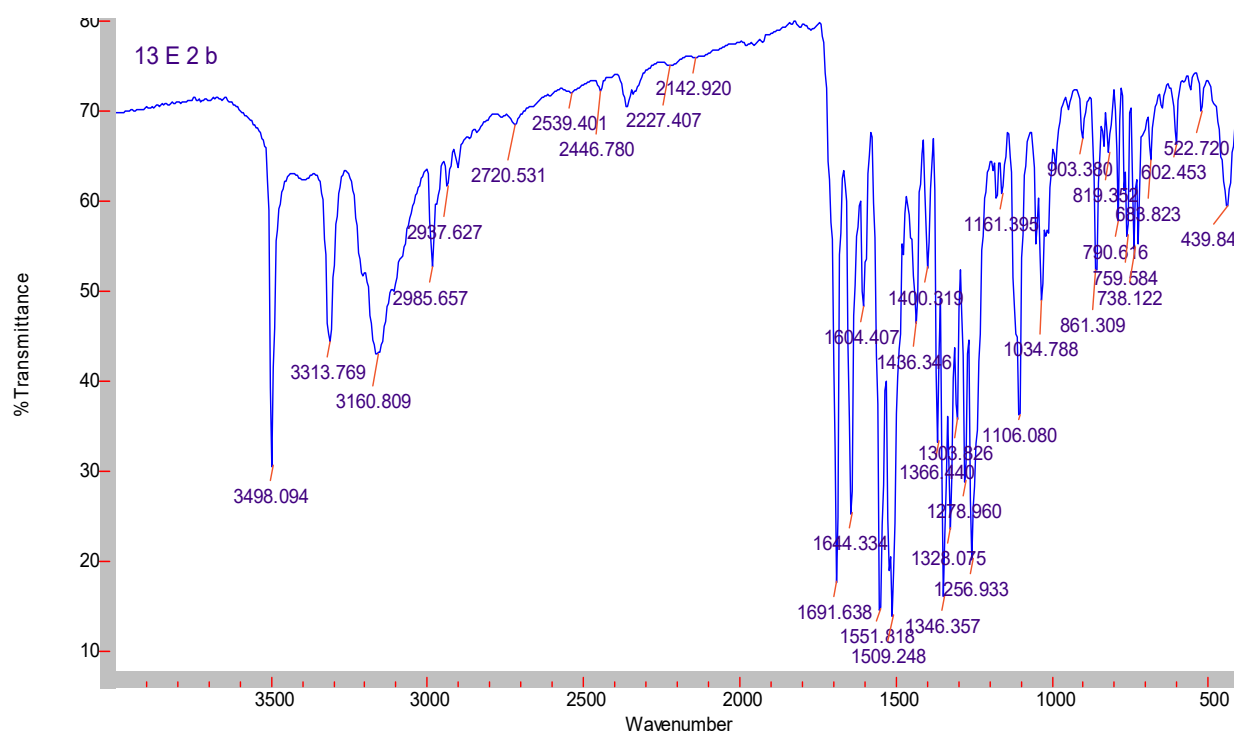


Figure S3-a IR spectrum of compound of compound **3**

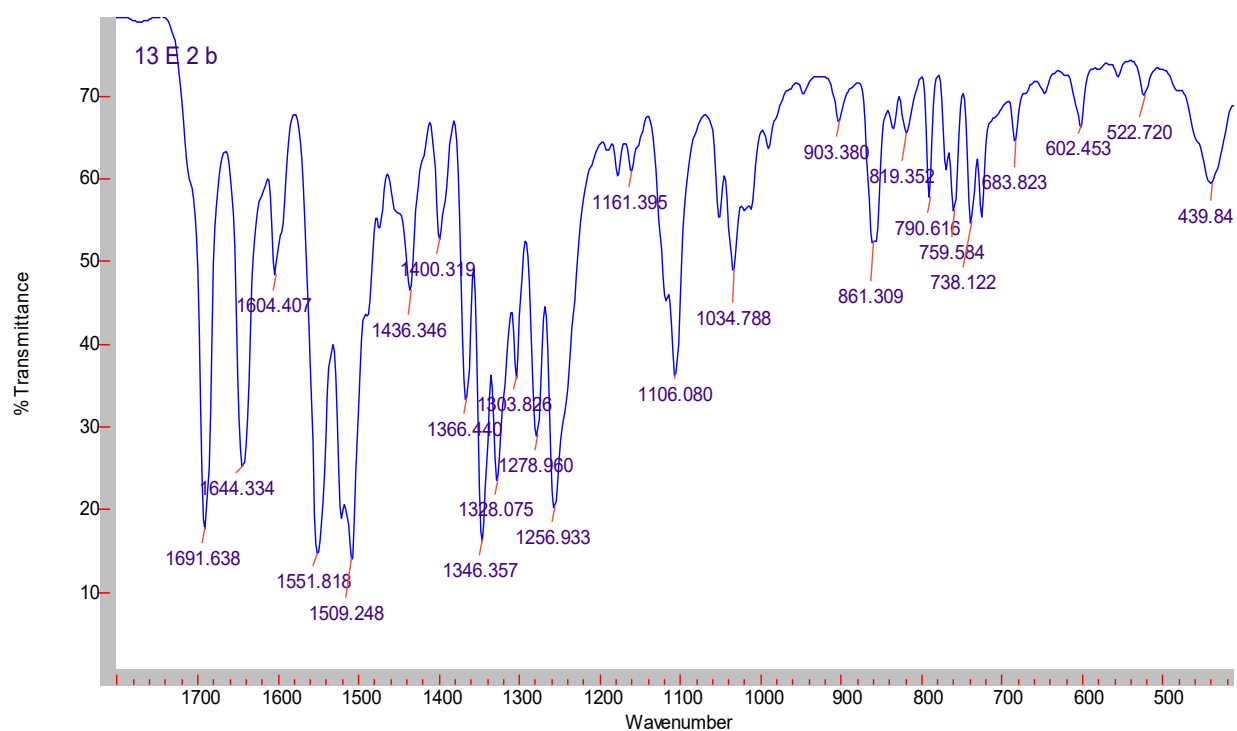


Figure S3-b IR spectrum of compound of compound **3**

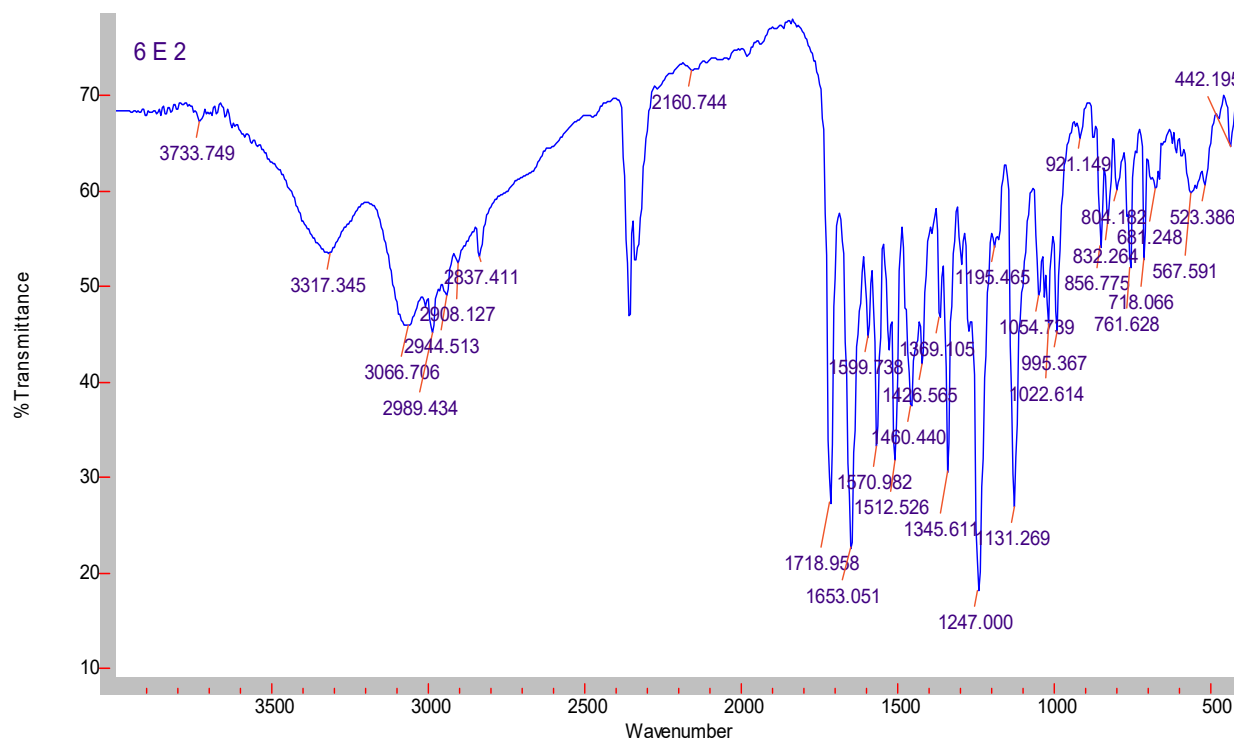


Figure S4-a IR spectrum of compound **4**

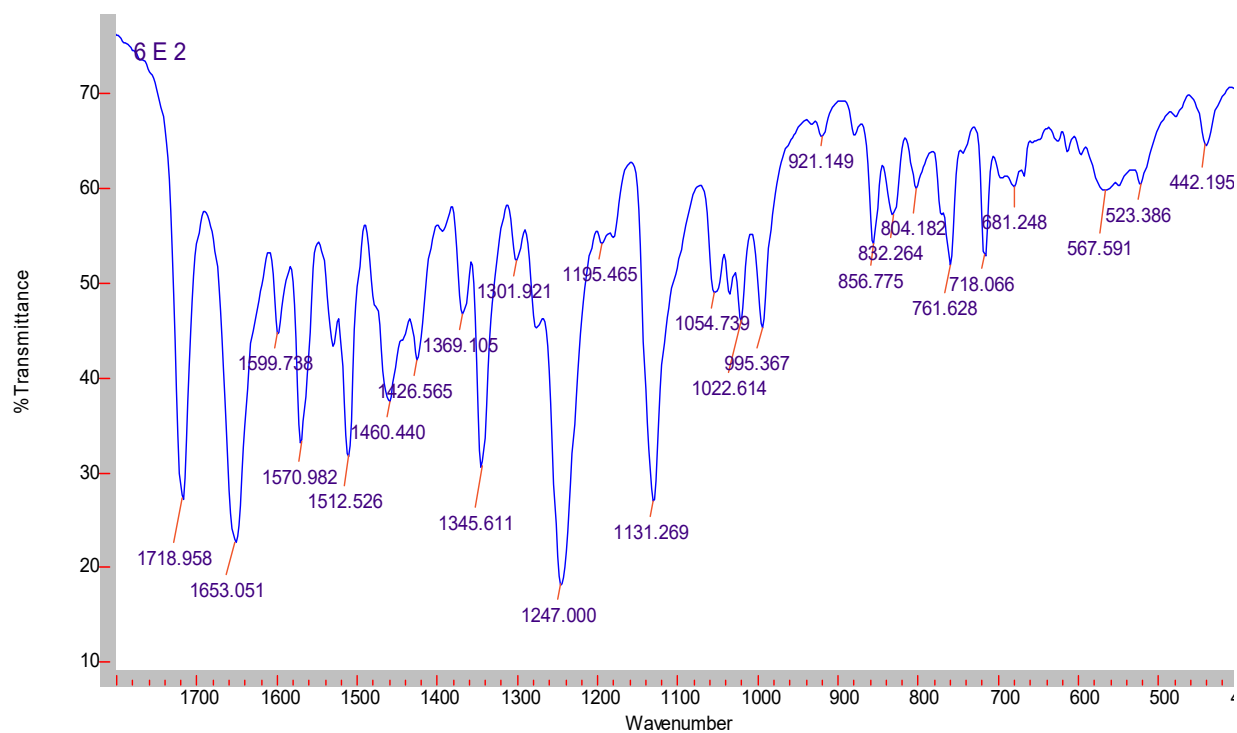


Figure S4-b IR spectrum of compound **4**

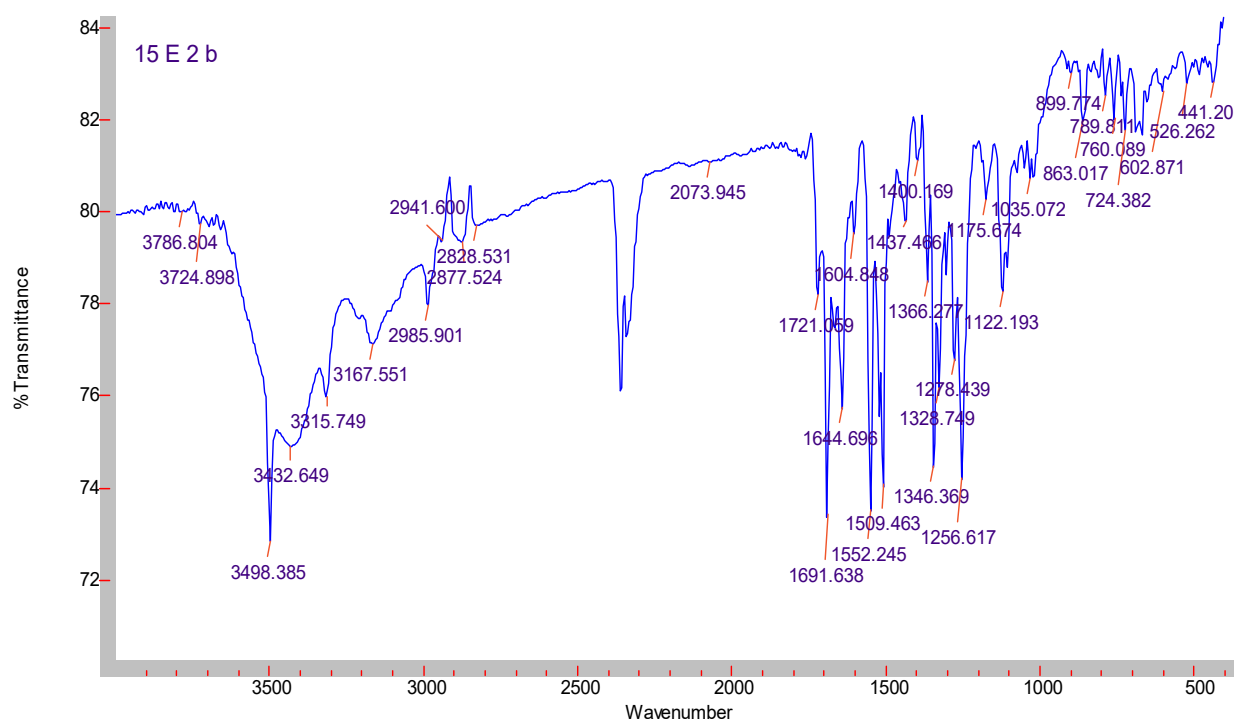


Figure S5-a IR spectrum of compound **5**

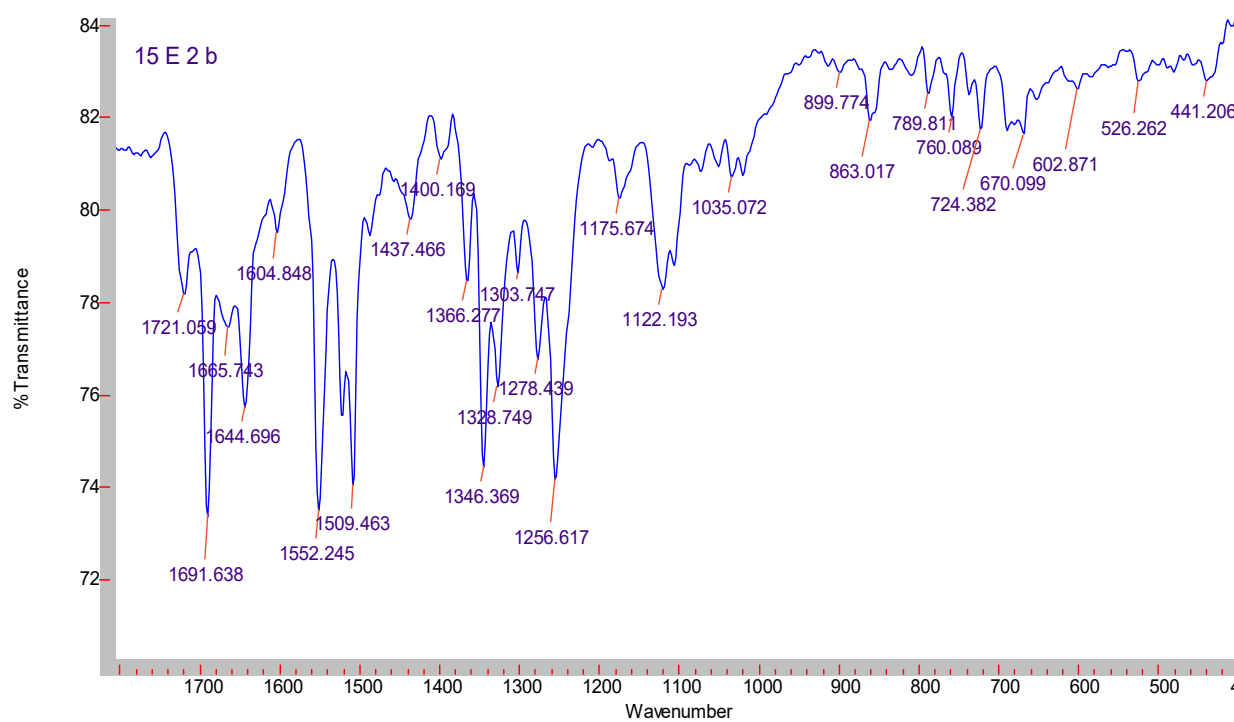


Figure S5-b IR spectrum of compound **5**

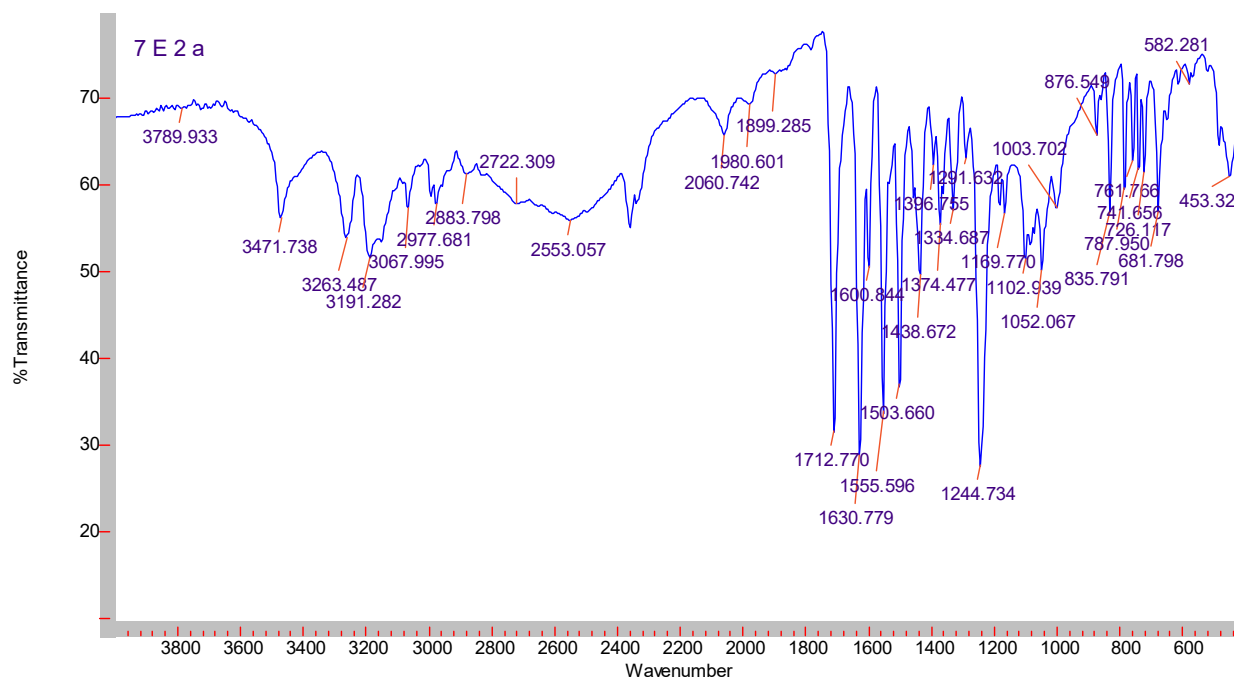


Figure S6-a IR spectrum of compound **6**

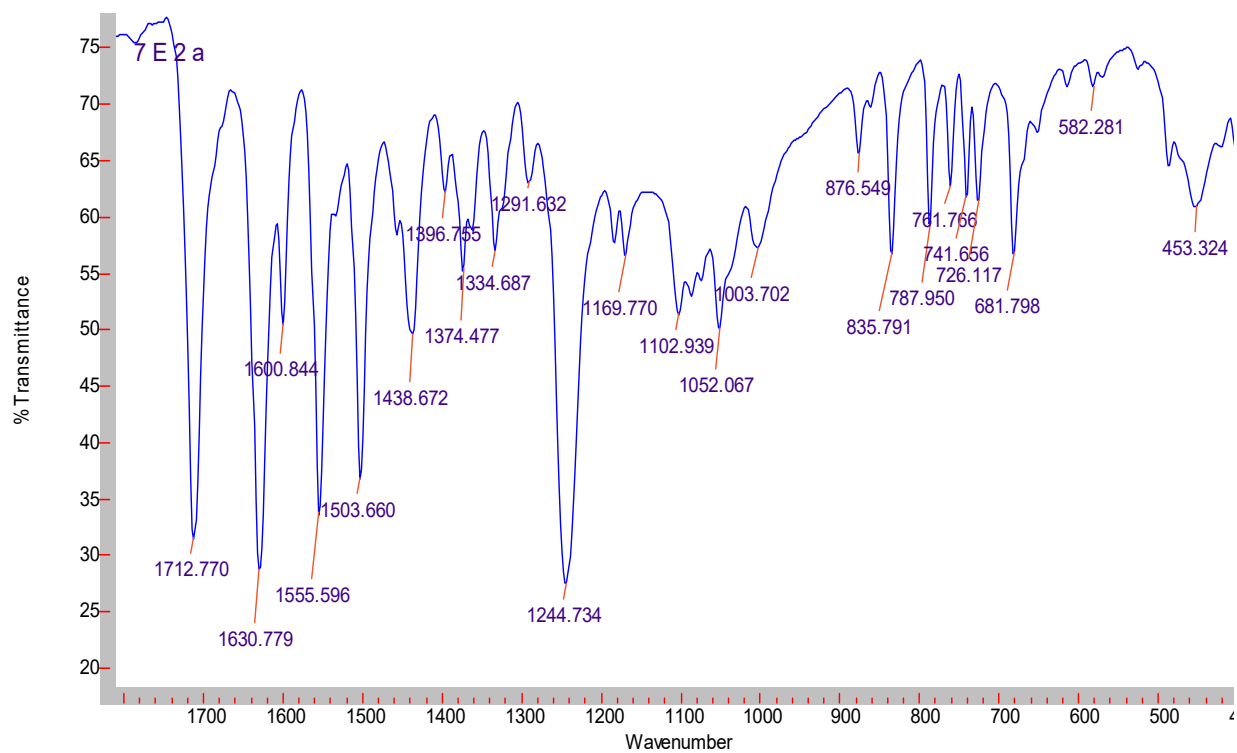


Figure S6-b IR spectrum of compound **6**

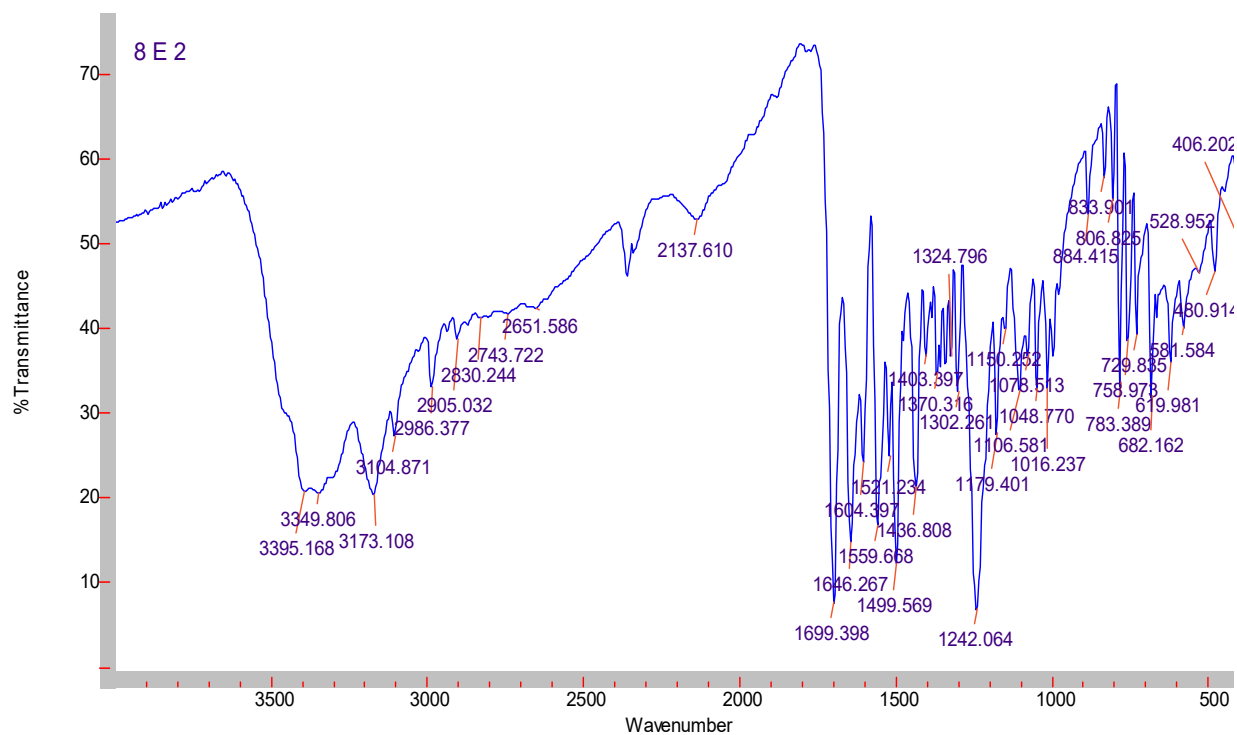


Figure S7-a IR spectrum of compound 7

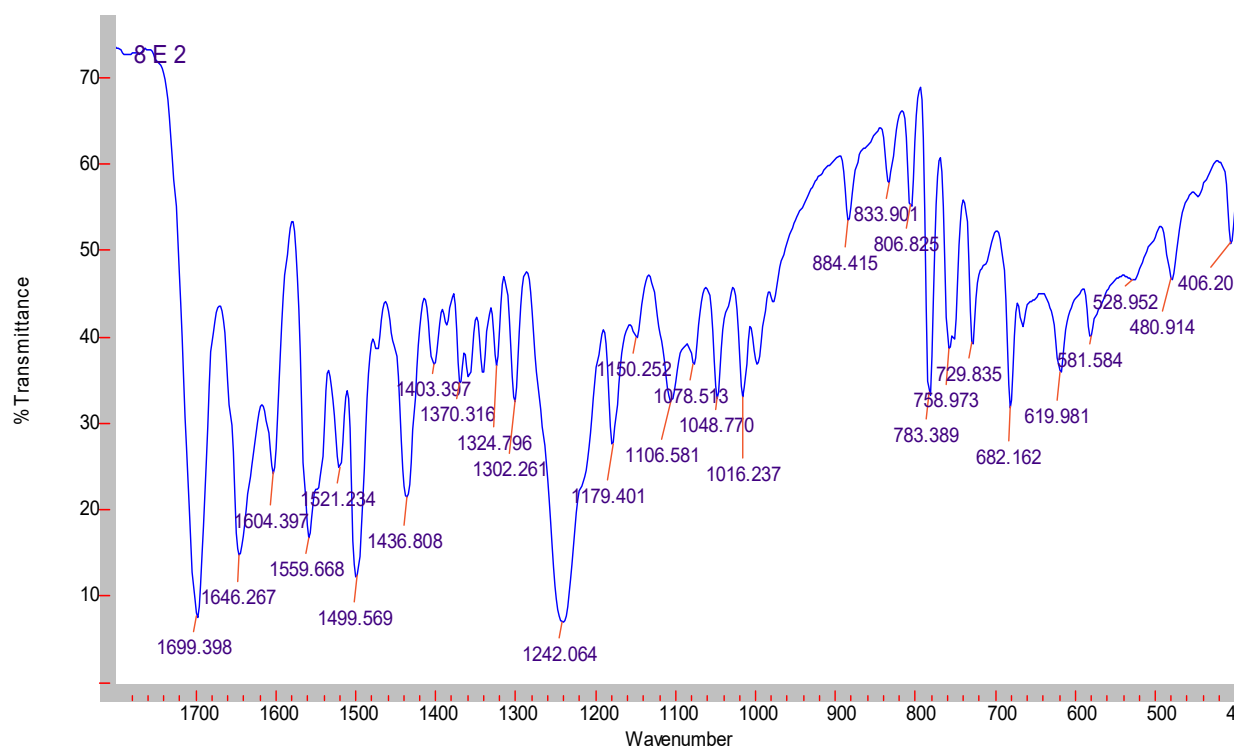


Figure S7-b IR spectrum of compound 7

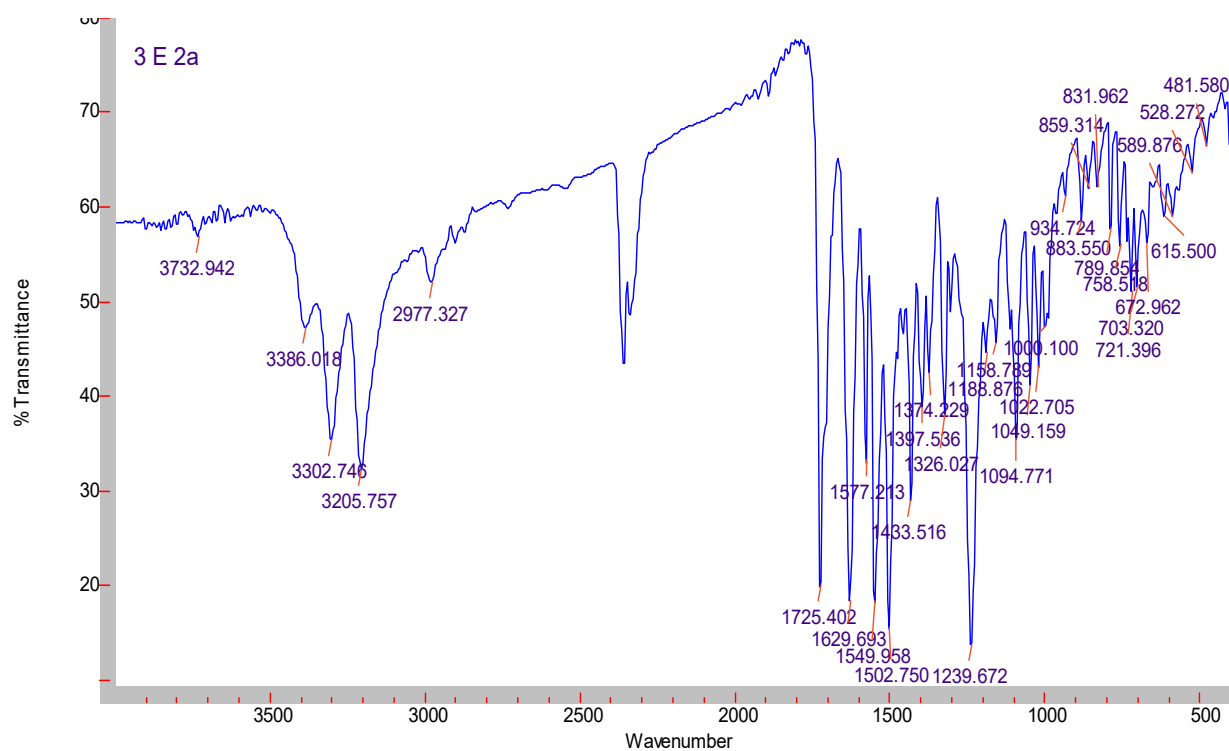


Figure S8-a IR spectrum of compound **8**

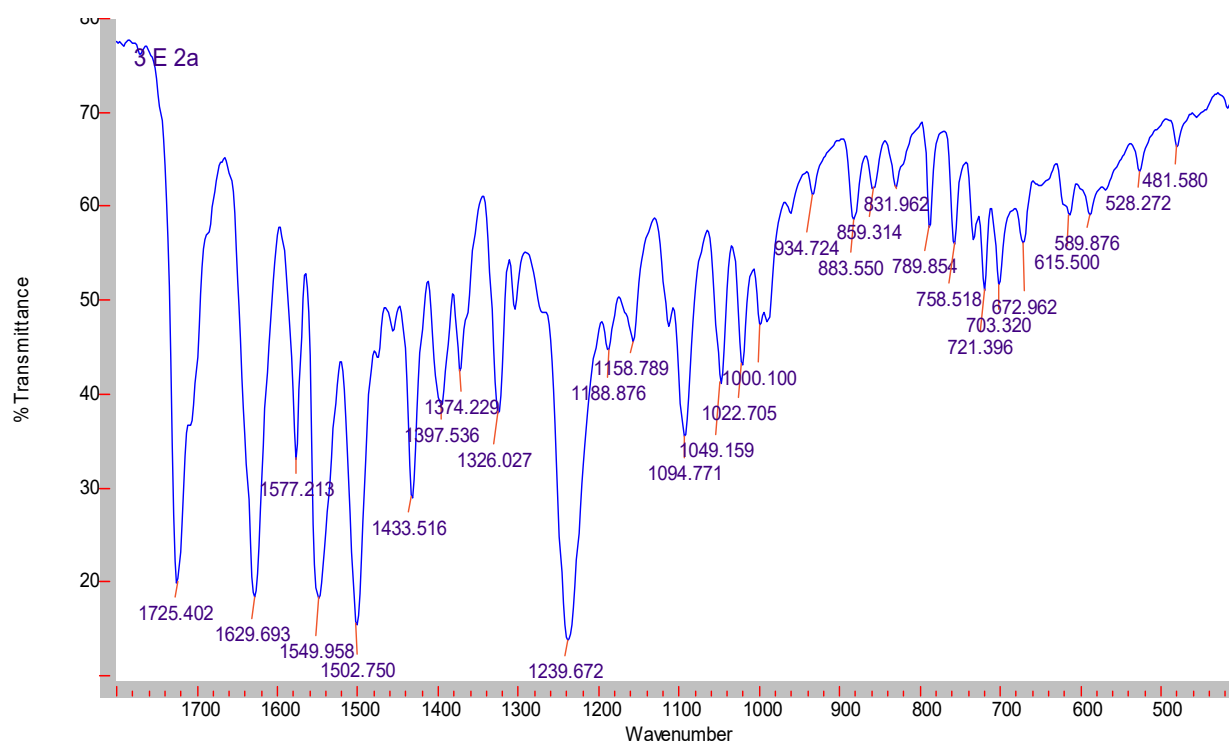


Figure S8-a IR spectrum of compound **8**

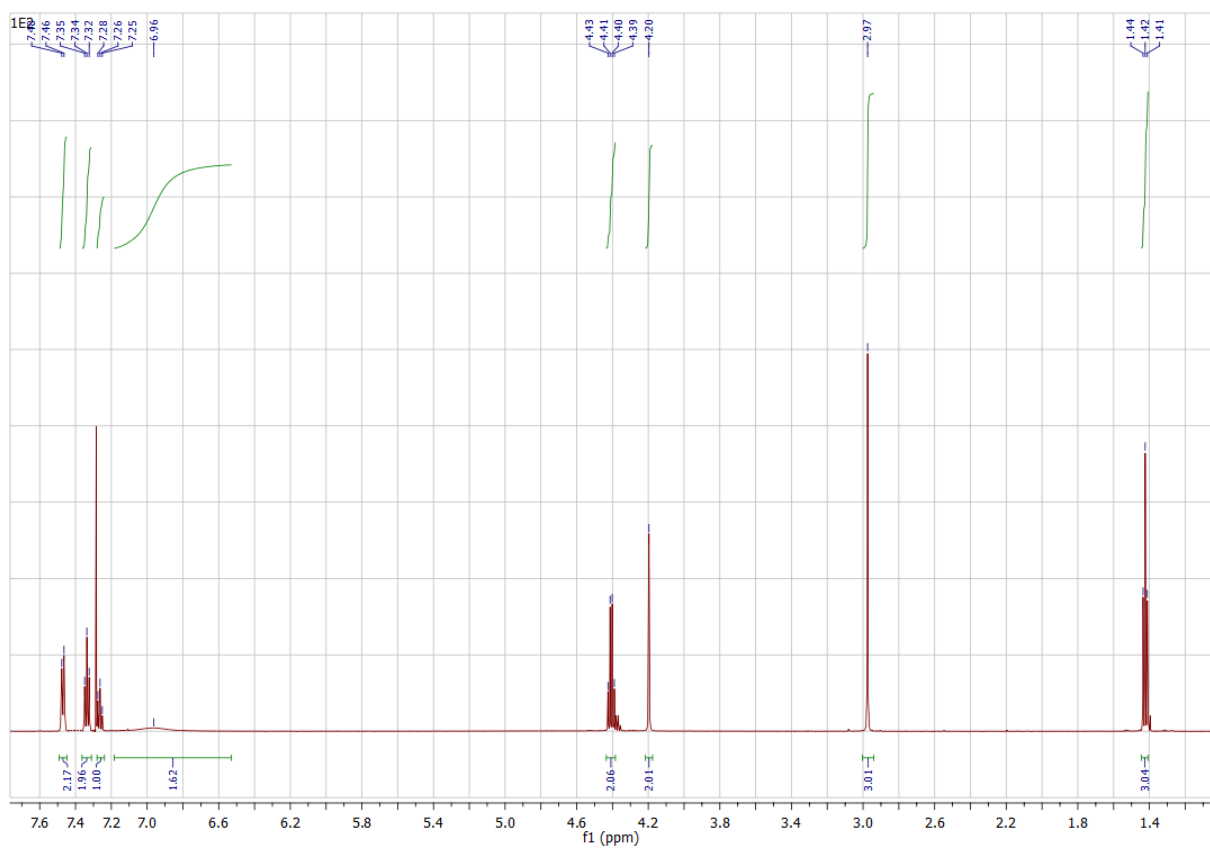


Figure S9-a ^1H NMR spectrum of compound **2**

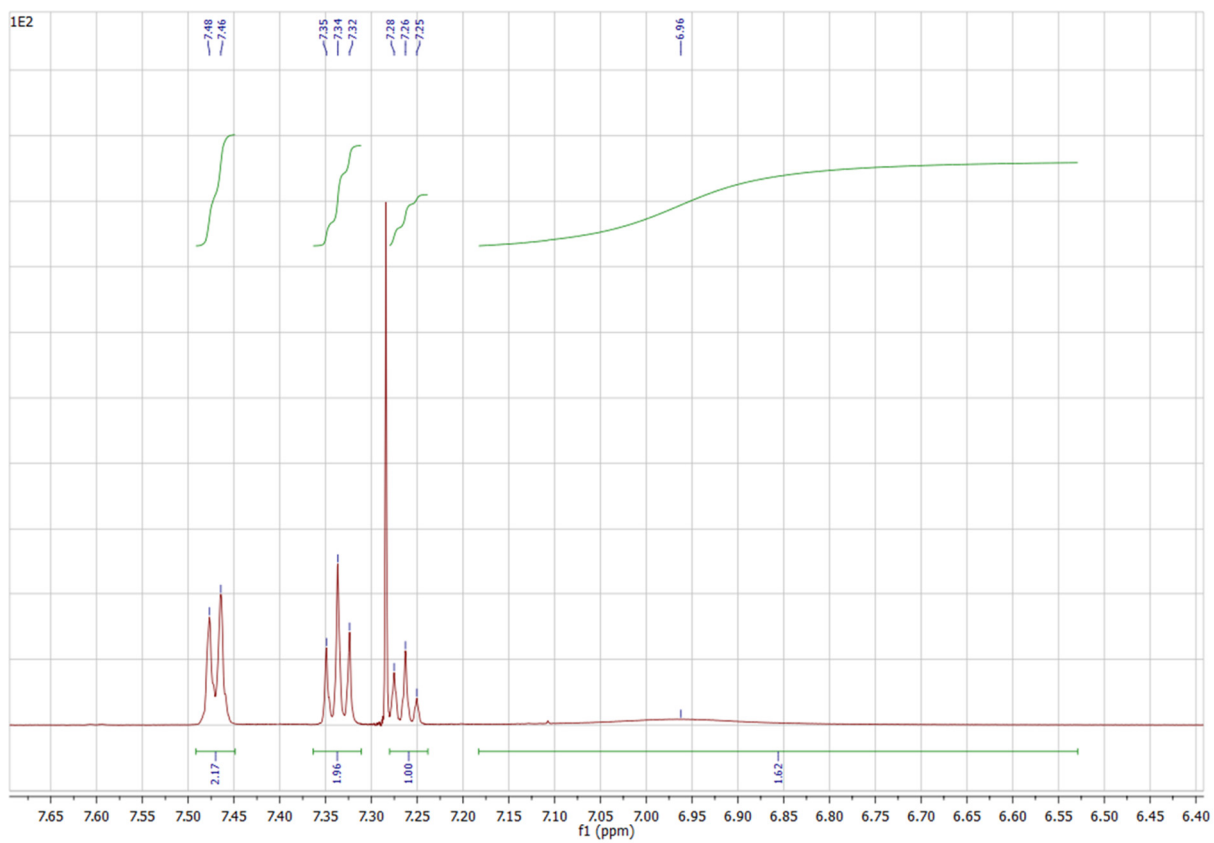


Figure S9-b ^1H NMR spectrum of compound **2**

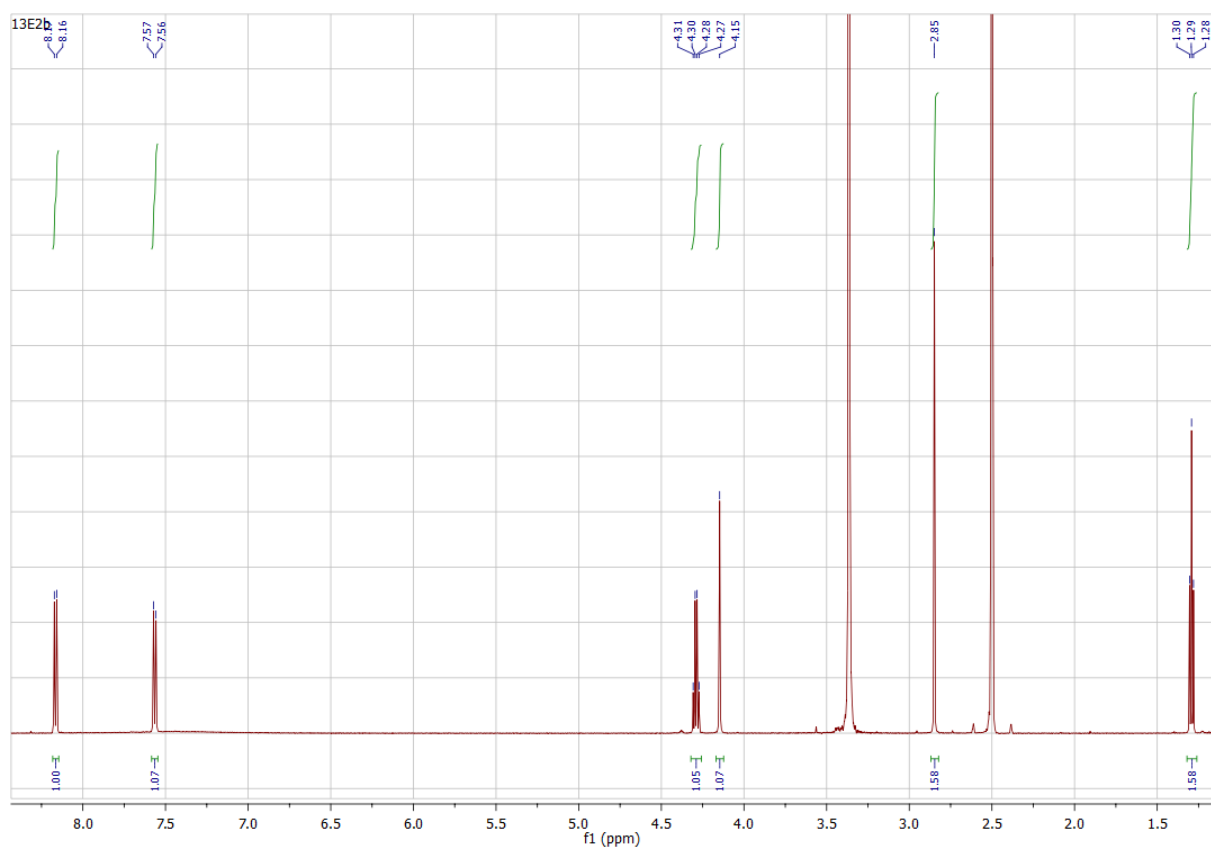


Figure S10-a ^1H NMR spectrum of compound **3**

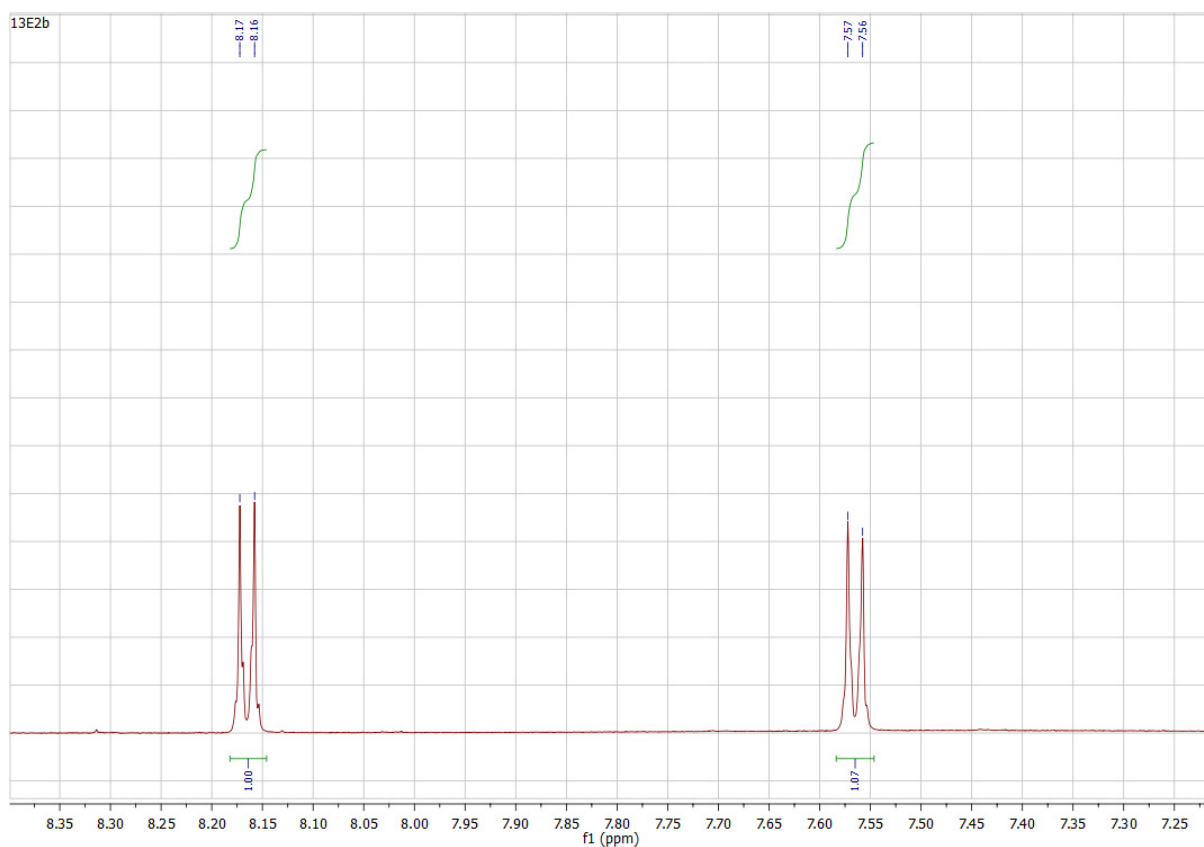


Figure S10-b ¹H NMR spectrum of compound 3

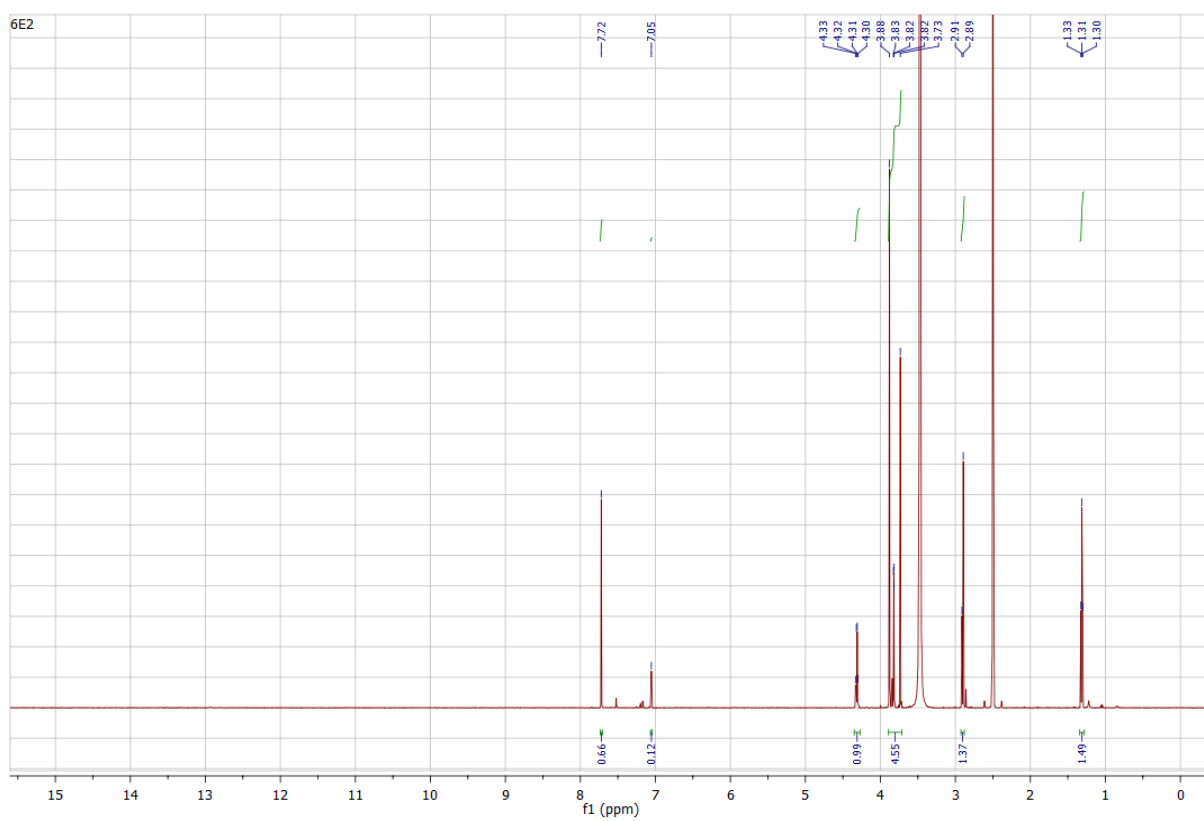


Figure S11-a ¹H NMR spectrum of compound 4

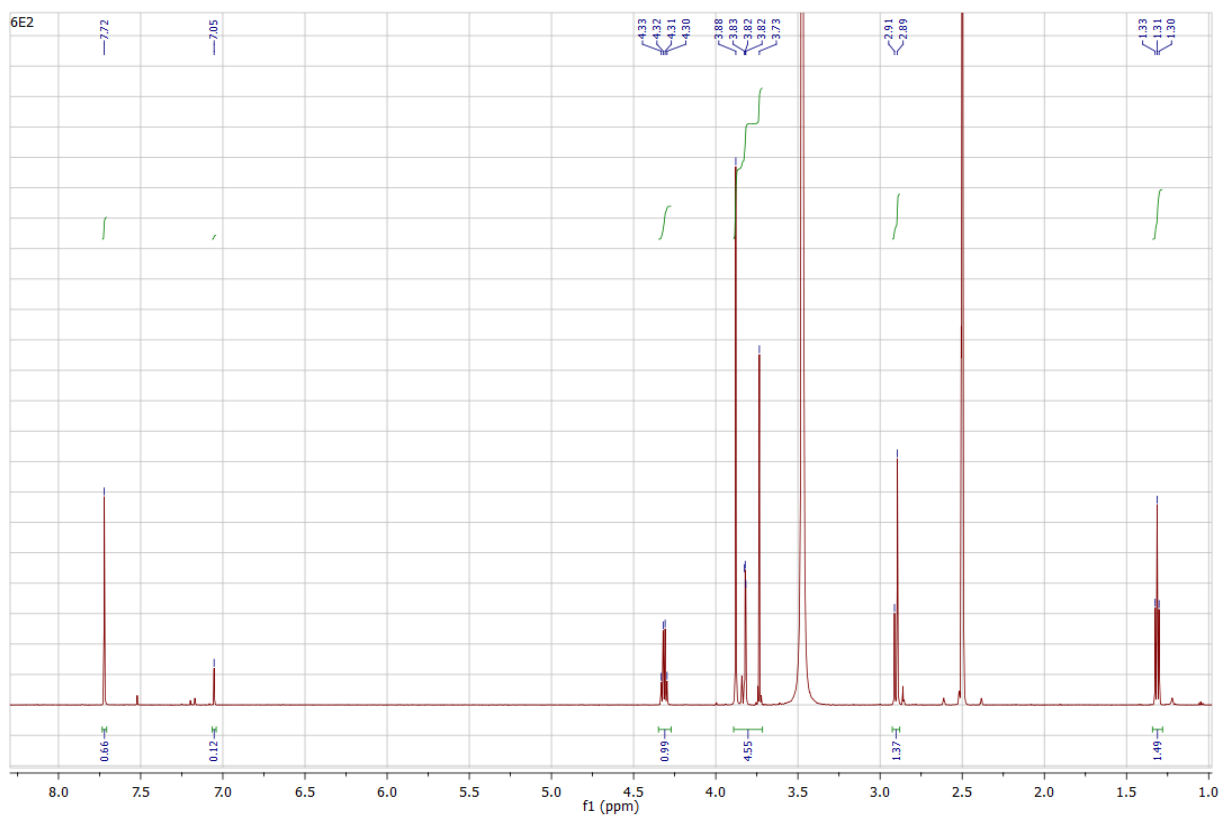


Figure S11-b ^1H NMR spectrum of compound **4**

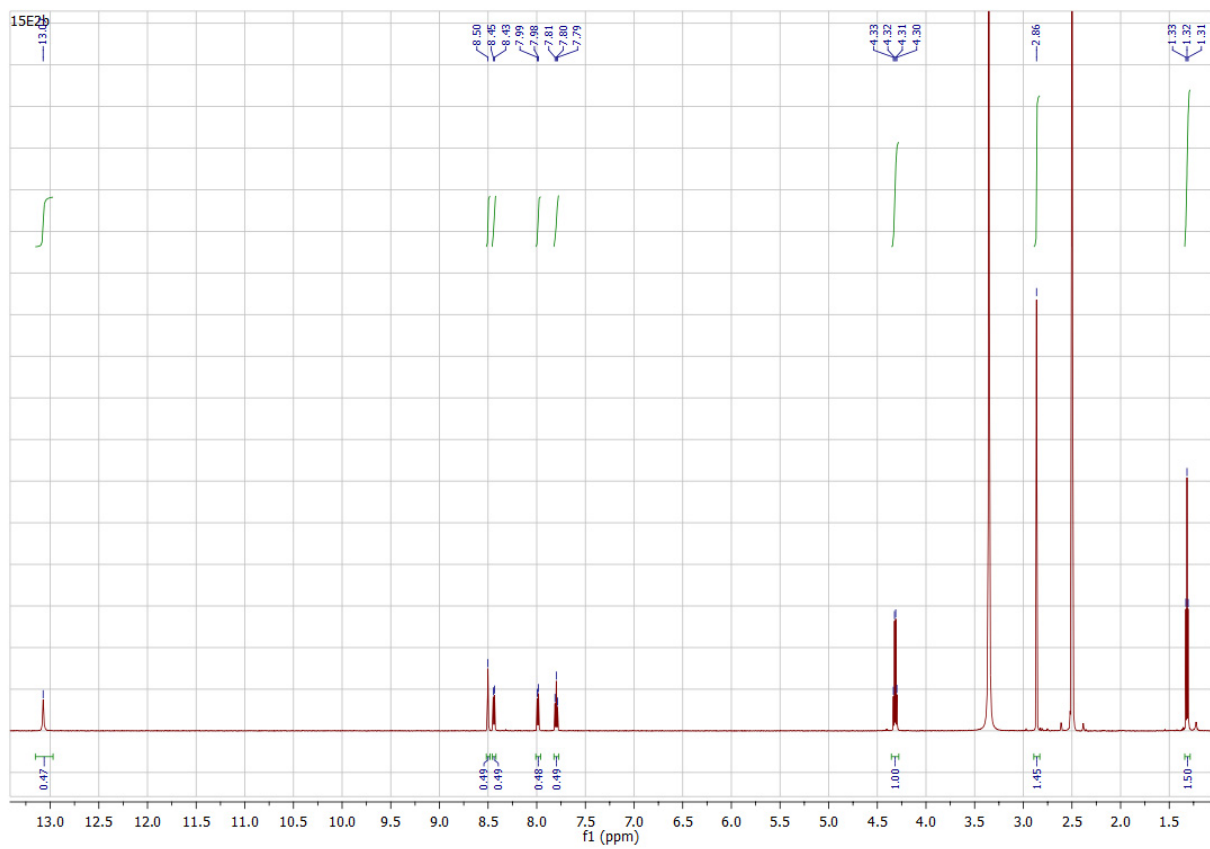


Figure S12-a ^1H NMR spectrum of compound **5**

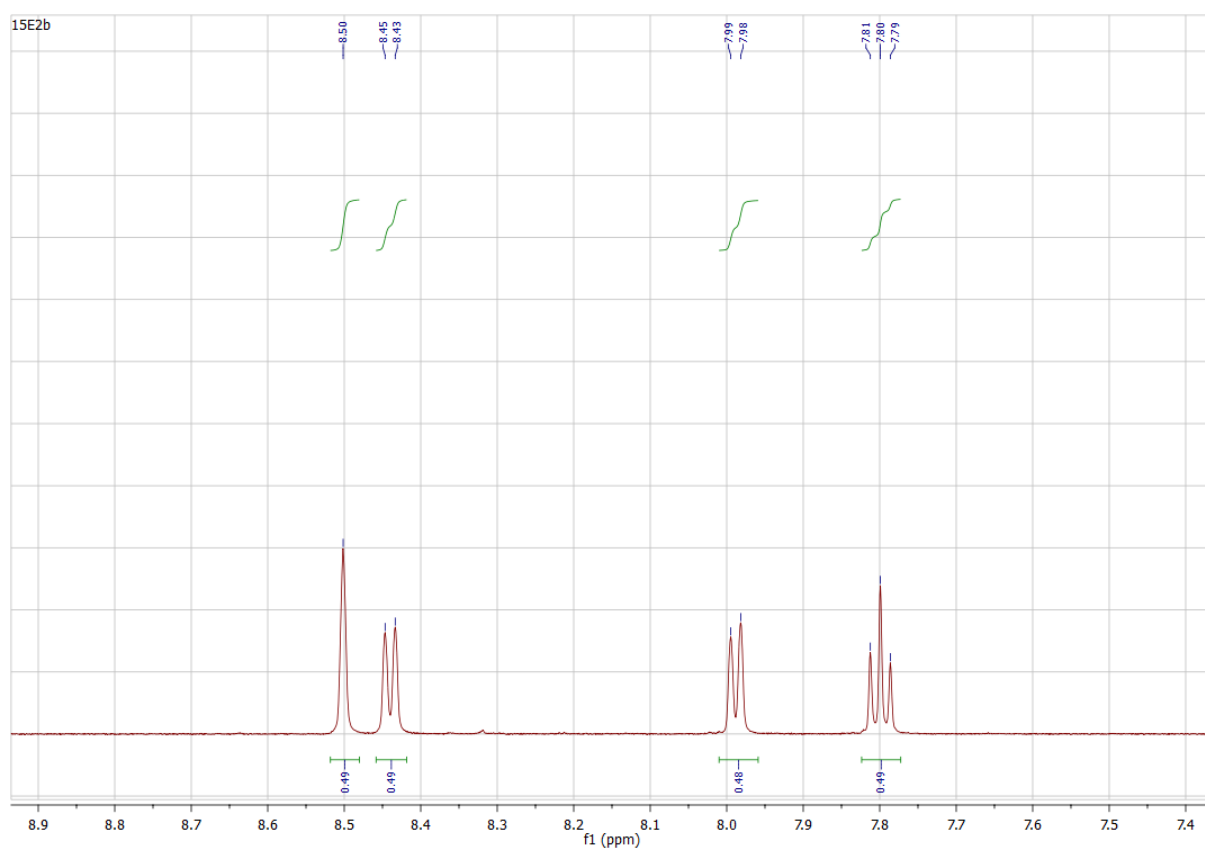


Figure S12-b ^1H NMR spectrum of compound **5**

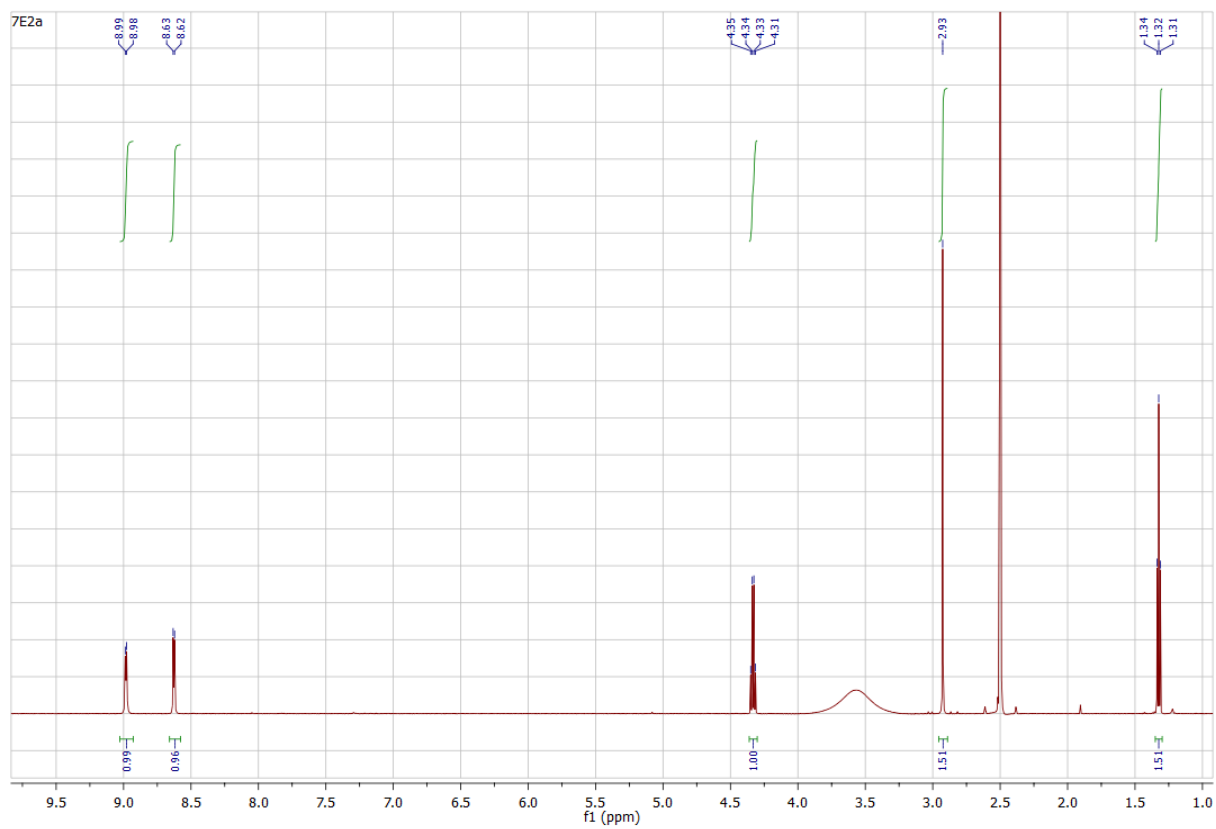


Figure S13-a ^1H NMR spectrum of compound **6**

Comp 7

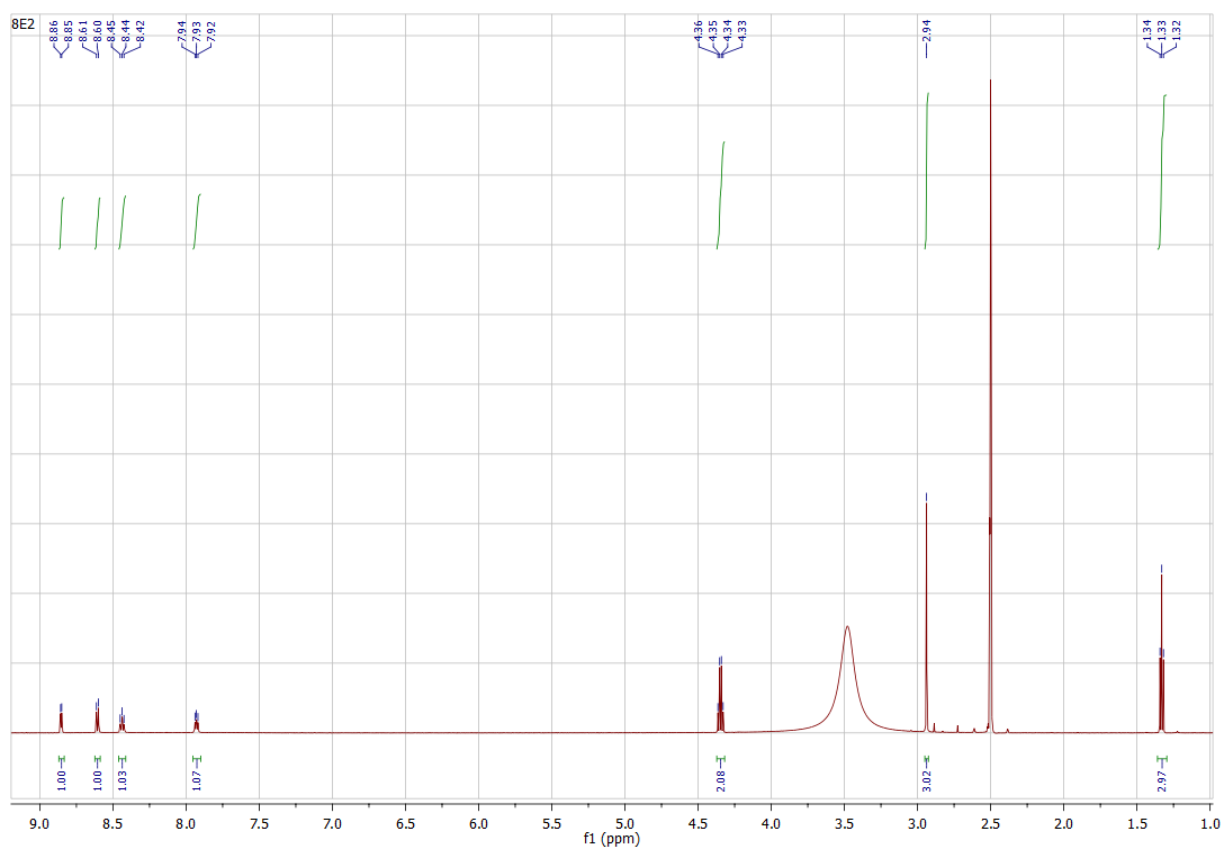


Figure S14-a ^1H NMR spectrum of compound **7**

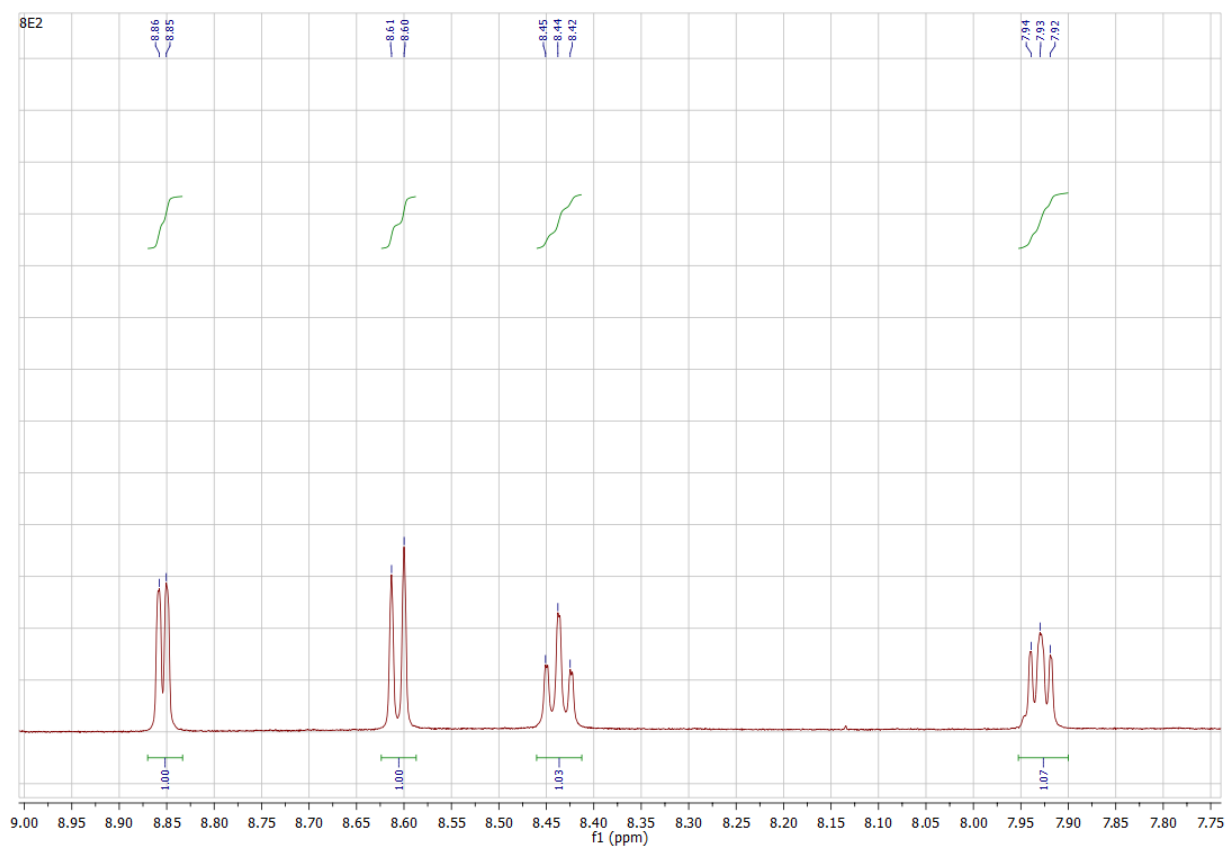


Figure S14-b 1HNMR spectrum of compound 7

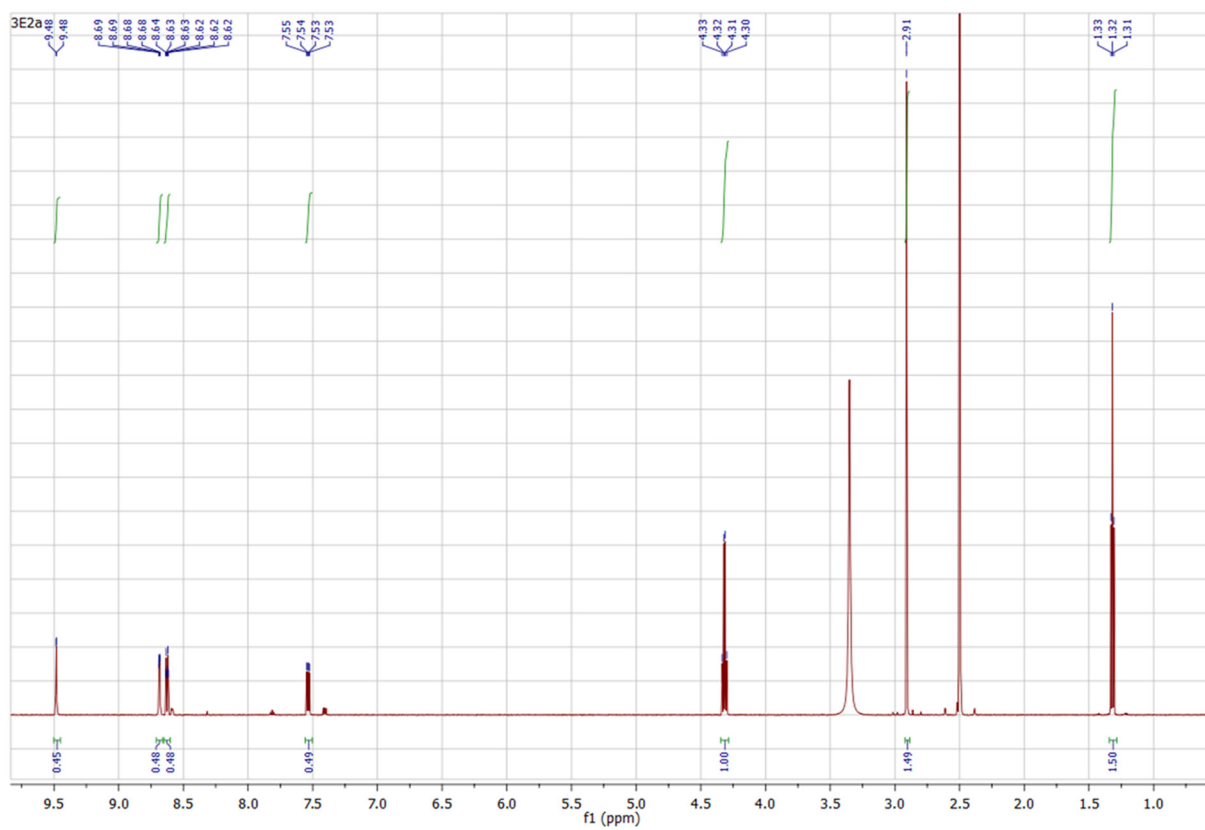


Figure S15-a 1HNMR spectrum of compound 8

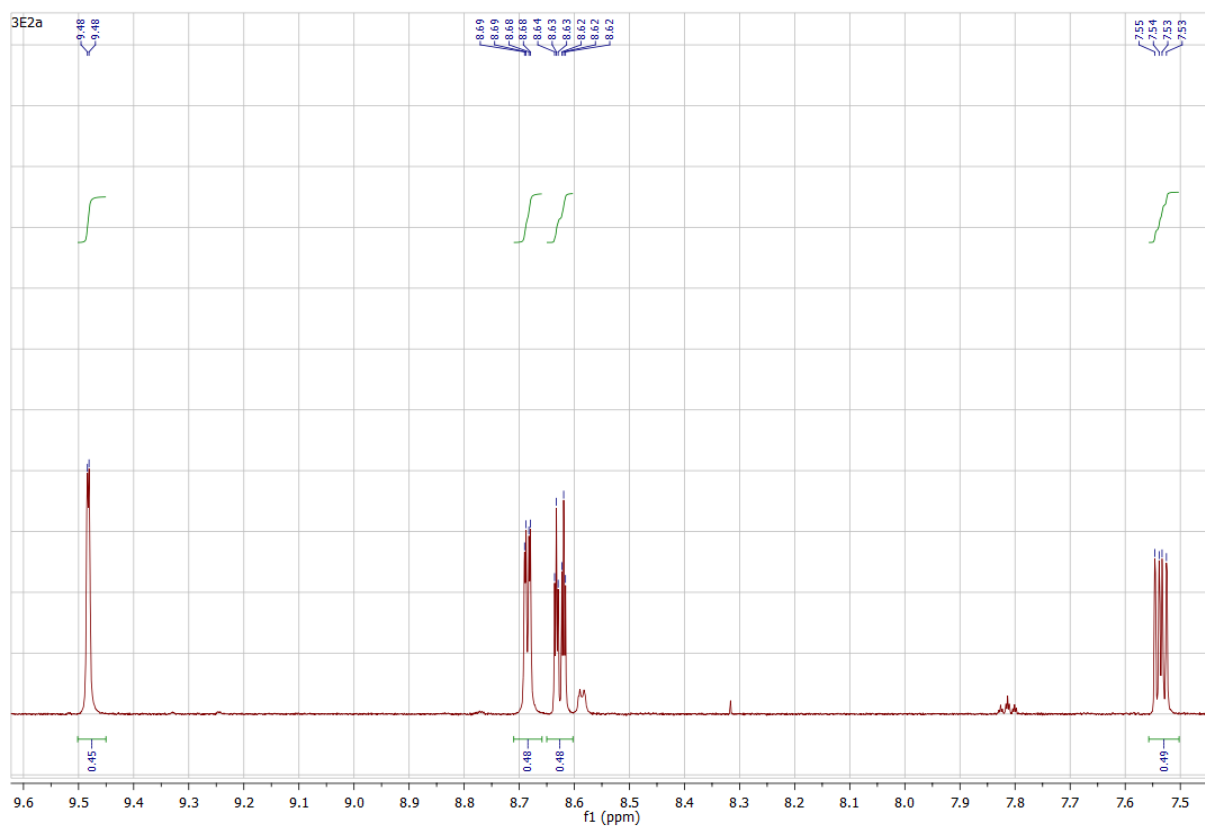


Figure S15-b ^1H NMR spectrum of compound **8**