

## Response to Reviewrs

**Query #1.** Novelty of derivatives 2, 3 and 4, should be clarified. If they are known corresponding references should be given. Reference should contained detailed synthetic procedure and spectral characterization. Otherwise, if compounds are new, complete characterization is obligatory.

**Authors Reply:** Dear Sir, thank you very much for your suggestions and corrections in our manuscript. Compound-3 is commercially available upon request but we have synthesized in our laboratory to reduce the cost of our research. As you asked the spectral data of the compound-2, 3 and 4, we included the copies of  $^1\text{H}$  NMR spectra as an additional file.

**Query #2.** Names and detailed specification of instruments and applied techniques for spectra recordings must be given.

**Authors Reply:** All the detailed specification of instruments and applied techniques for spectra recordings are given in revised manuscript.

**Query #3.** Isotope pattern in mass spectra should be given for derivatives which contain Cl and Br atoms.

**Authors Reply:** Isotope pattern are given in supplementary information.

**Query #4.** Coupling constants for C-F coupling in  $^{13}\text{C}$  NMR spectra should be given. Also, in structure determination some discussion should addressed to F presence.

**Authors Reply:** Coupling constants for C-F coupling in  $^{13}\text{C}$  NMR spectra are discussed in the text and given in supplementary information to the best of our knowledge.

**Query #5.** Since additional comments about structure characterization and identification, authors should provide copies of  $^1\text{H}$  and  $^{13}\text{C}$  NMR spectra of synthesized compounds.

**Authors Reply:** The copies of  $^1\text{H}$  and  $^{13}\text{C}$  NMR spectra of synthesized compounds are supplied as an additional file.

I hope you will be satisfied with the revised manuscript and supplementary information. Looking forward to your positive reply.

Kind Regards

Dr. N.Vasudeva Reddy.