Response to Reviewer

1) The motivation for the investigation of these two derivatives has been addressed. Their chemical structures have been presented together with the atom numeration in a Figure 1. The synthesis of the compound under consideration along with scheme has been included in the manuscript.

2) The molecular geometry has been discussed suitably and unnecessary information and data from molecular geometry section and from tables S1 and S2 have been omitted according to your suggestion.

3) The analysis of FTIR and NMR spectra has been revised according to your suggestion. Effects of the substituent in the phenyl ring R1 on the spectral characteristic of the compounds under investigation have been discussed with respect to electron-donating effect of the MeO group and the electron-withdrawing effect of the NO2 group.

4) The theoretically calculated and experimentally determined spectra mismatch has been addressed. The frontier orbitals involved in the electronic transitions have been given. (Fig.S3)

5) We have tried to remove the error in the English grammar as suggested by you.