Supplementary File

Benzoic Acid Derivatives of *Ifloga spicata* (Forssk.) Sch.Bip. as Potential anti-Leishmanials against *Leishmania tropica*

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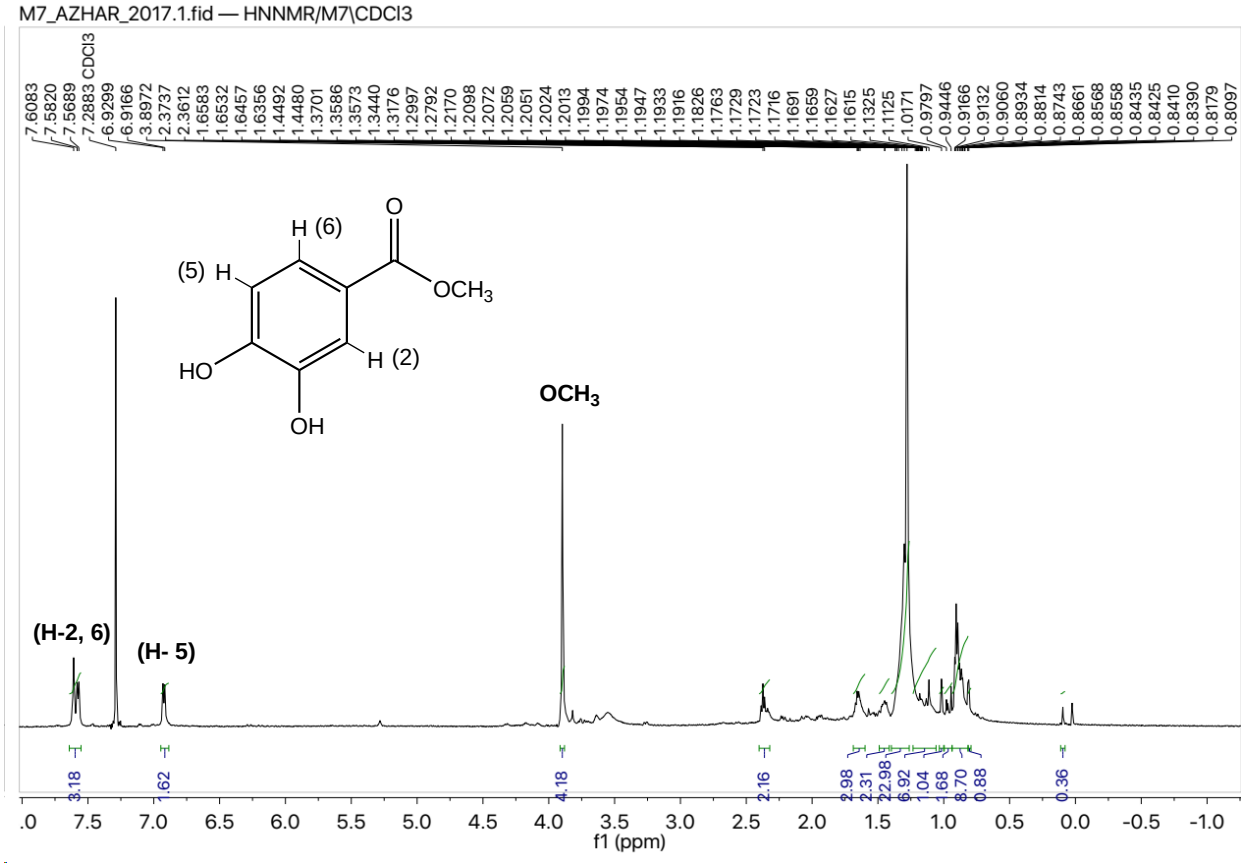

Figure (S1): [1]H NMR Spectrum of Methyl-3,4-dihydroxybenzoate(**Compound1**)

Assignments of [1]H NMR

H-2 (1H, S, 7.61 ppm): The singlet peak appears at 7.61ppm indicating H-2, which is comparatively highly deshielded proton.

H-6 (1H, d, 7.57 ppm): A doublet peak appears at 7.56ppm indicating H-6, having one proton in the neighbor position with J= 8Hz.

H-5 (1H, d, 6.90 ppm): A doublet peak appears at 6.90 ppm is assigned to H-5, having one proton in the neighbor position with J= 8Hz.

OCH_3 (3H, s, 3.89 ppm): A singlet appears at 3.89 ppm is assigned to OCH3.

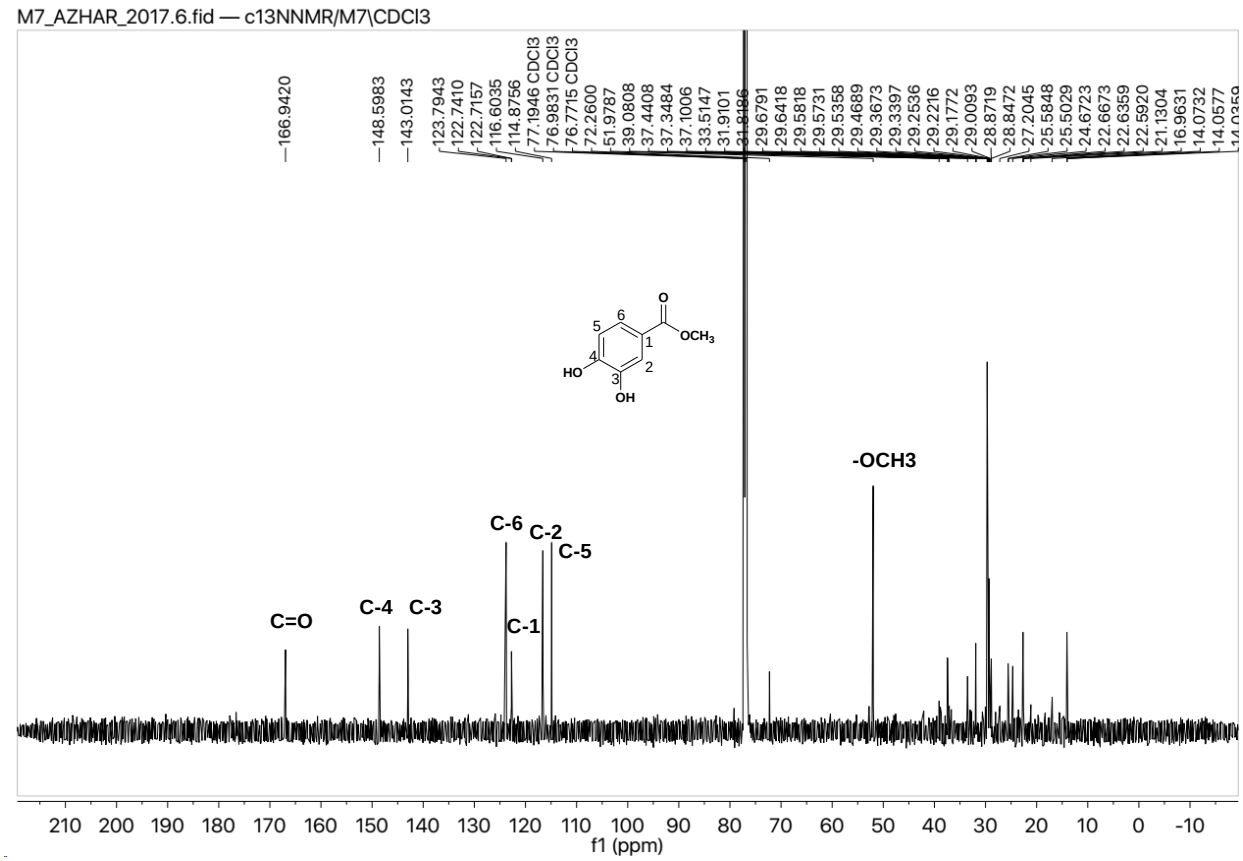

Figure (S2): ^{13}C NMR Spectrum of Methyl-3,4-dihydroxybenzoate(Compound1)

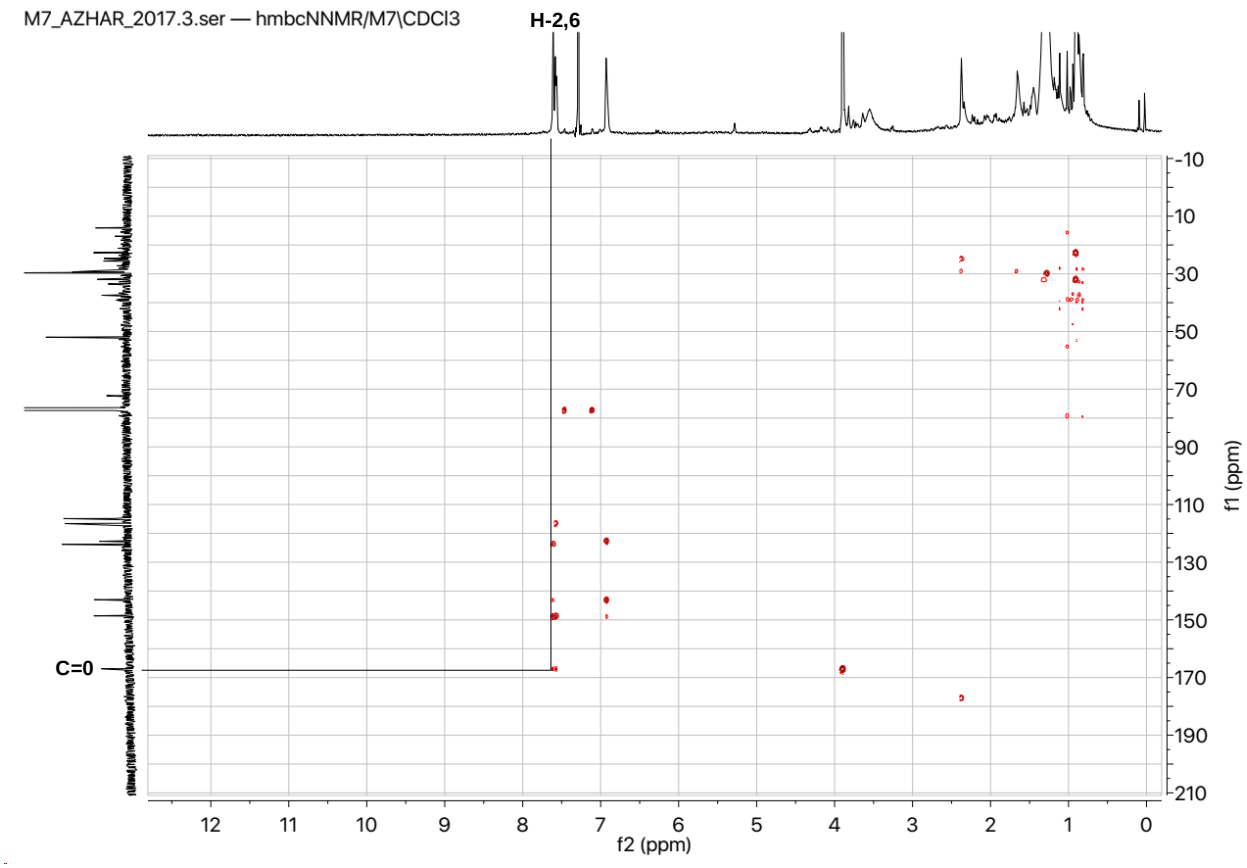

Figure (S3):HMBC Spectrum of Methyl-3,4-dihydroxybenzoate (indication the correlation) **Compound1)**

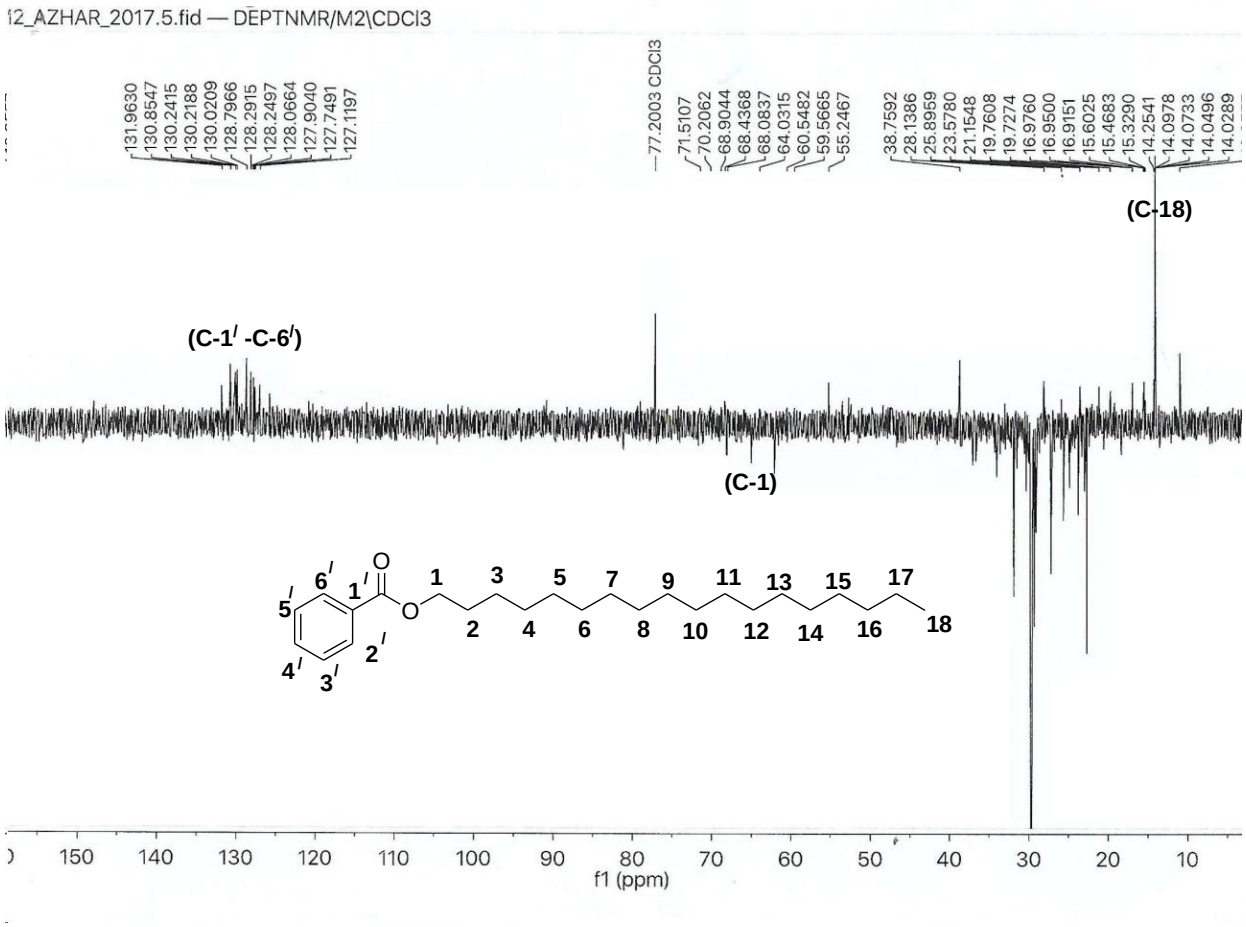

Figure (S4):DEPT-NMR spectrum of Benzoic Acid Octadecyle ester (**Compound2)**

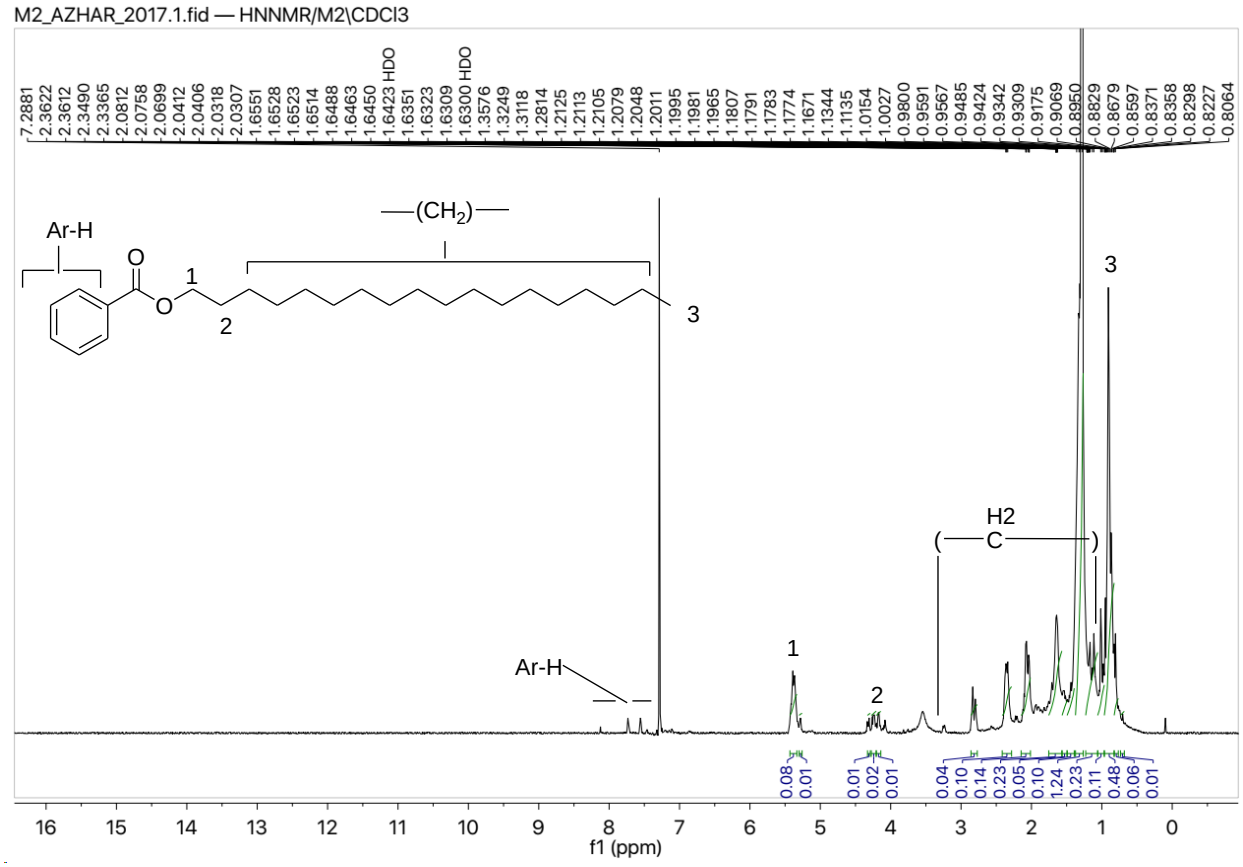

Figure (S5): ^{1}H NMR Spectrum of Benzoic Acid Octadecyle ester (**Compound2)**