Supplementary File

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

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

Assignments of ¹H 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 7.56 ppm indicating H-6, having one proton in the neighbor position with J = 8 Hz.

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 = 8 Hz.

OCH₃ (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)