

Supporting information

Gut Microbiota–Dependent Metabolism of 6-Shogaol Generates Bioactive Metabolites That Mediate Its Anti-Inflammatory Effects

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Figure legends

Figure S1. Original image of Western Blot (triplicate) for **Figure 1C**.

Figure S2. Original image of Western Blot (triplicate) for **Figure 2D**.

Figure S3. ^1H -NMR spectrum of **NM1** in CD_3OD .

Figure S4. ^{13}C -NMR spectrum of **NM1** in CD_3OD .

Figure S5. HMBC spectrum of **NM1** in CD_3OD .

Figure S6. ^1H -NMR spectrum of **NM2** in CD_3OD .

Figure S7. ^{13}C -NMR spectrum of **NM2** in CD_3OD .

Figure S8. HSQC NMR spectrum of **NM2** in CD_3OD .

Figure S9. ^1H - ^1H COSY NMR spectrum of **NM2** in CD_3OD .

Figure S10. HMBC spectrum of **NM2** in CD_3OD .

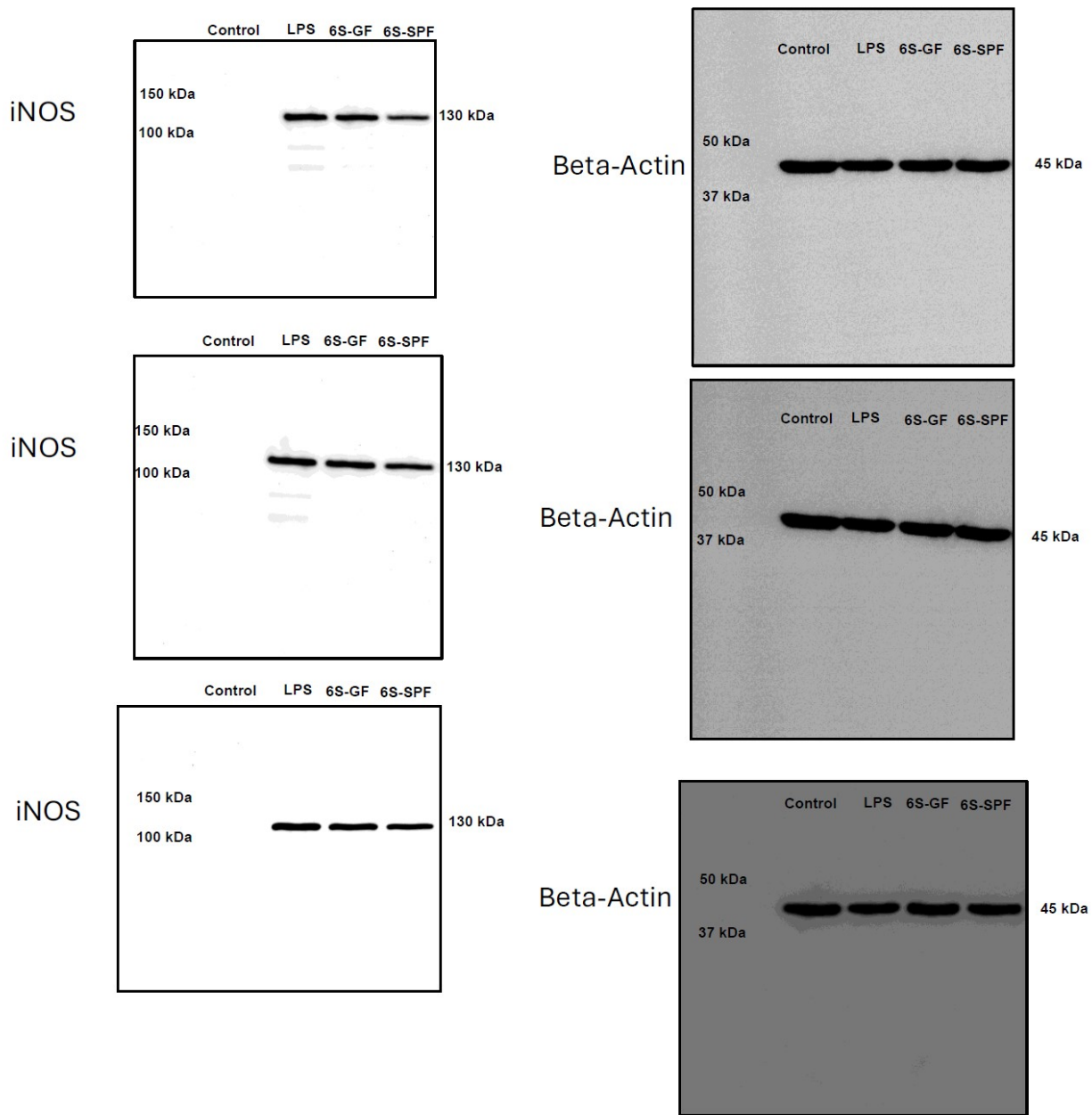


Figure S1. Original image of Western Blot (triplicate) for **Figure 1C**.

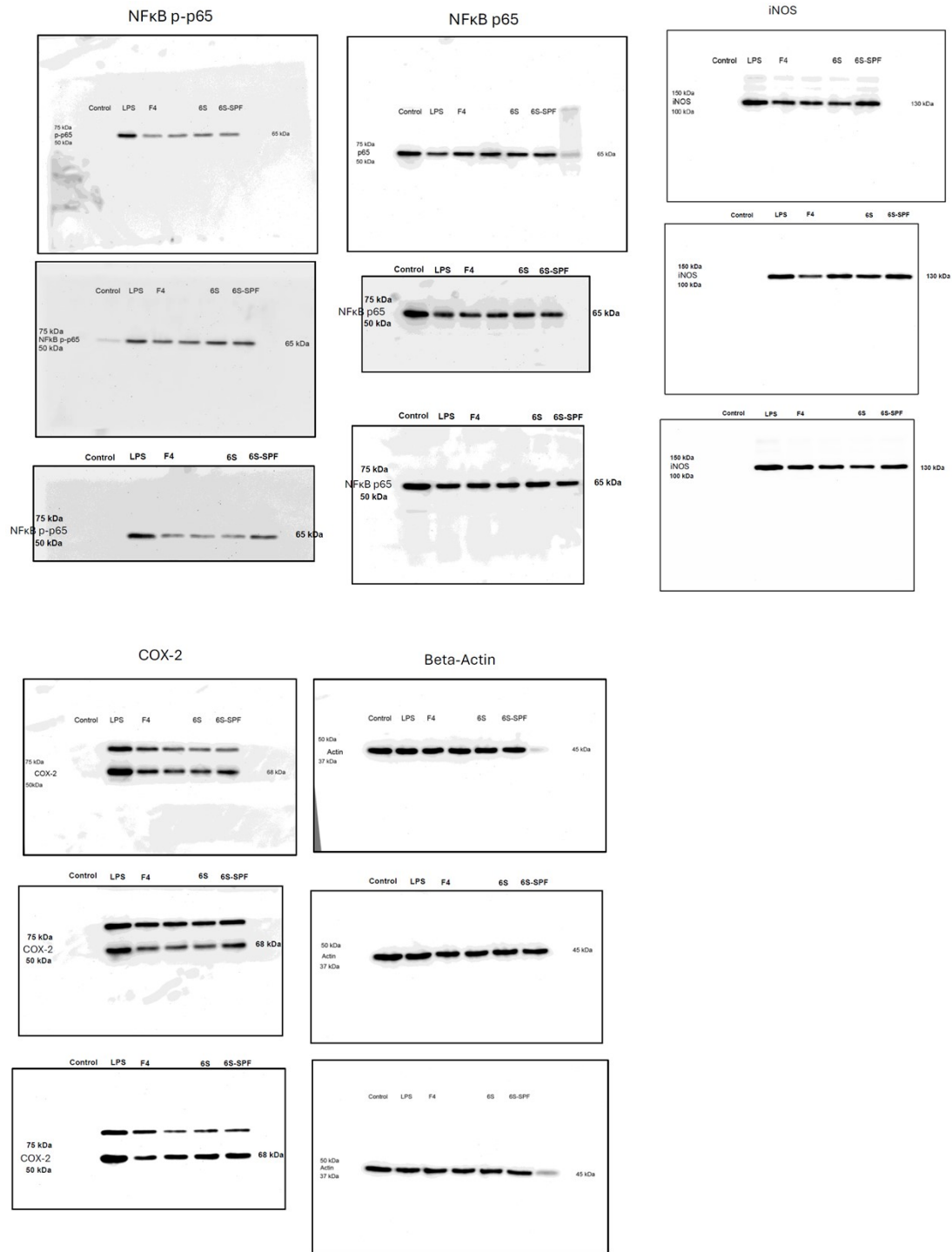


Figure S2. Original image of Western Blot (triplicate) for **Figure 2D**.

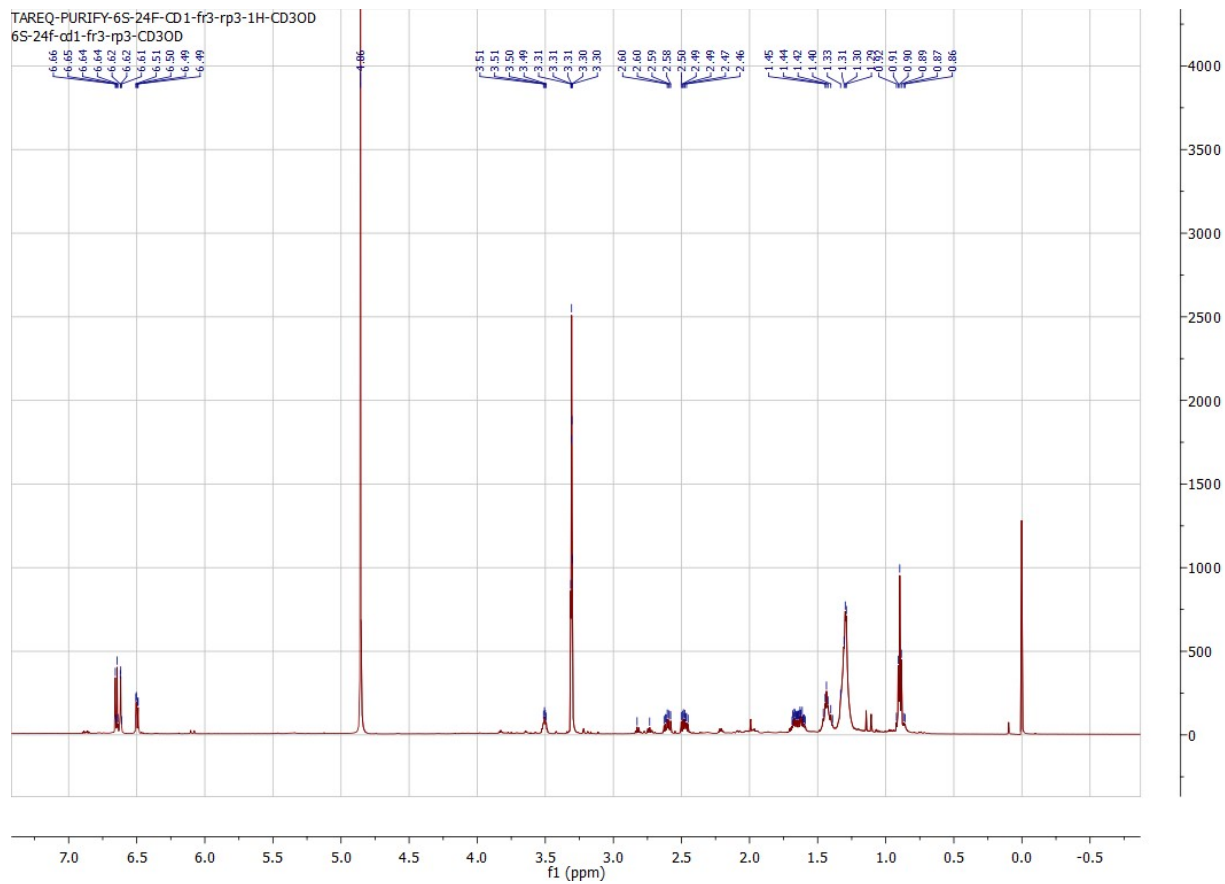


Figure S3. ^1H -NMR spectrum of NM1 in CD_3OD .

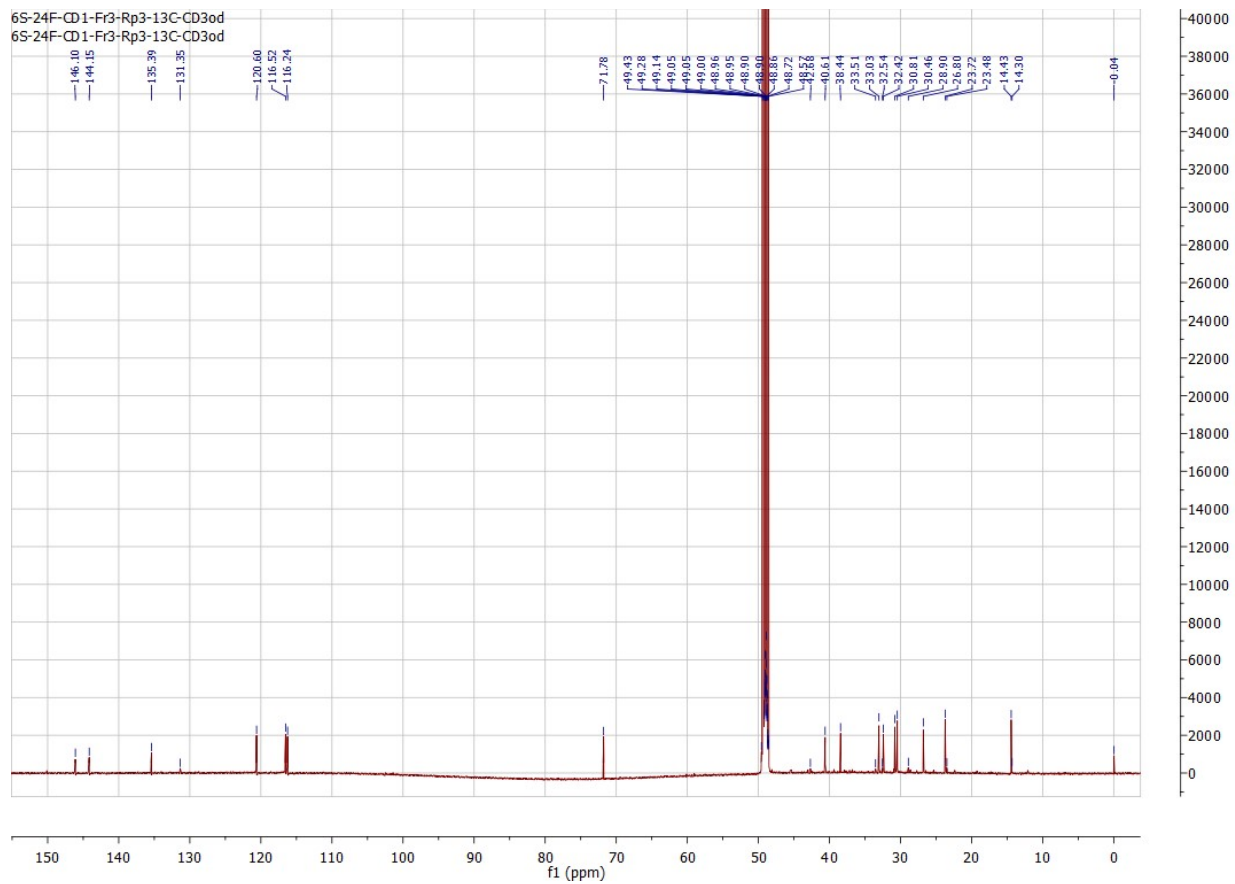


Figure S4. ^{13}C -NMR spectrum of NM1 in CD_3OD .

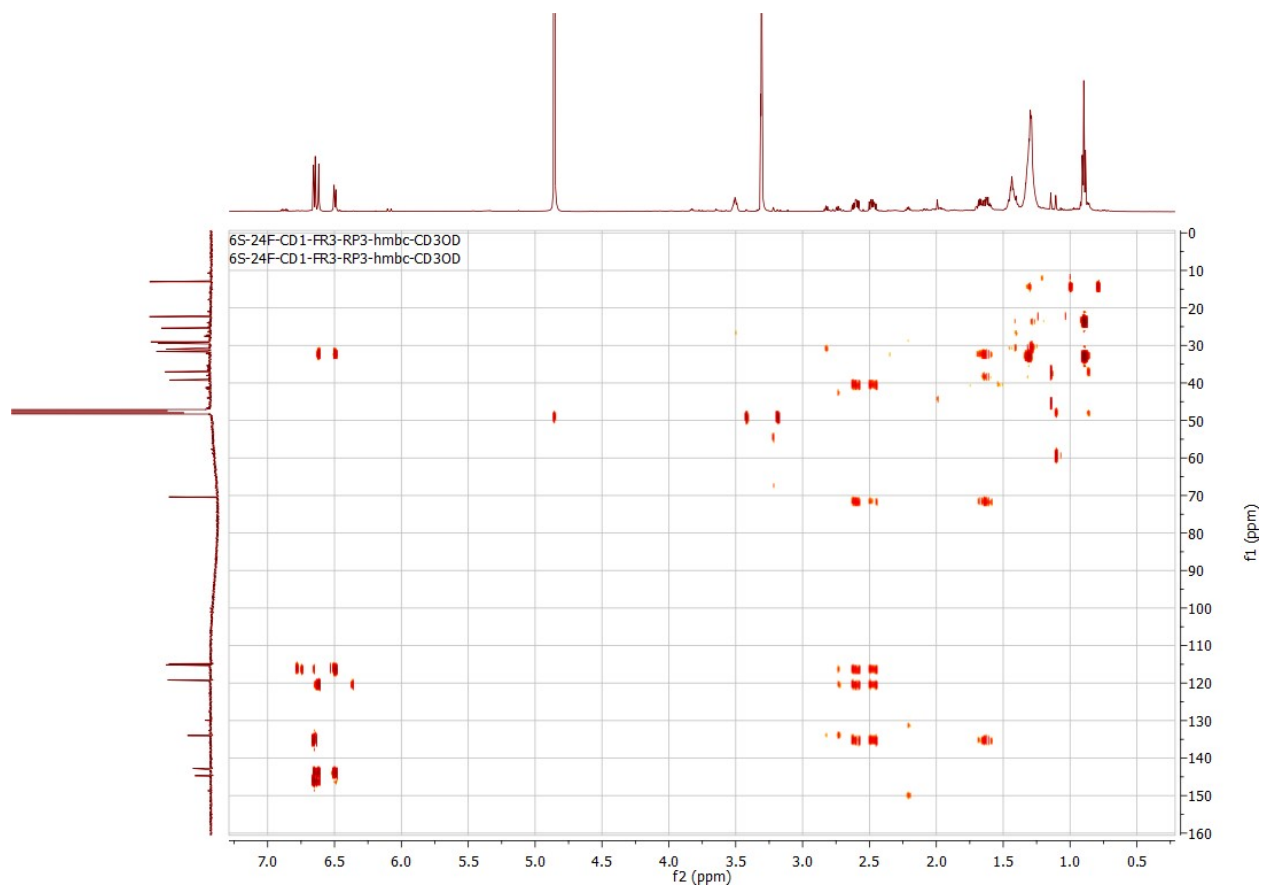


Figure S5. HMBC spectrum of NM1 in CD₃OD.

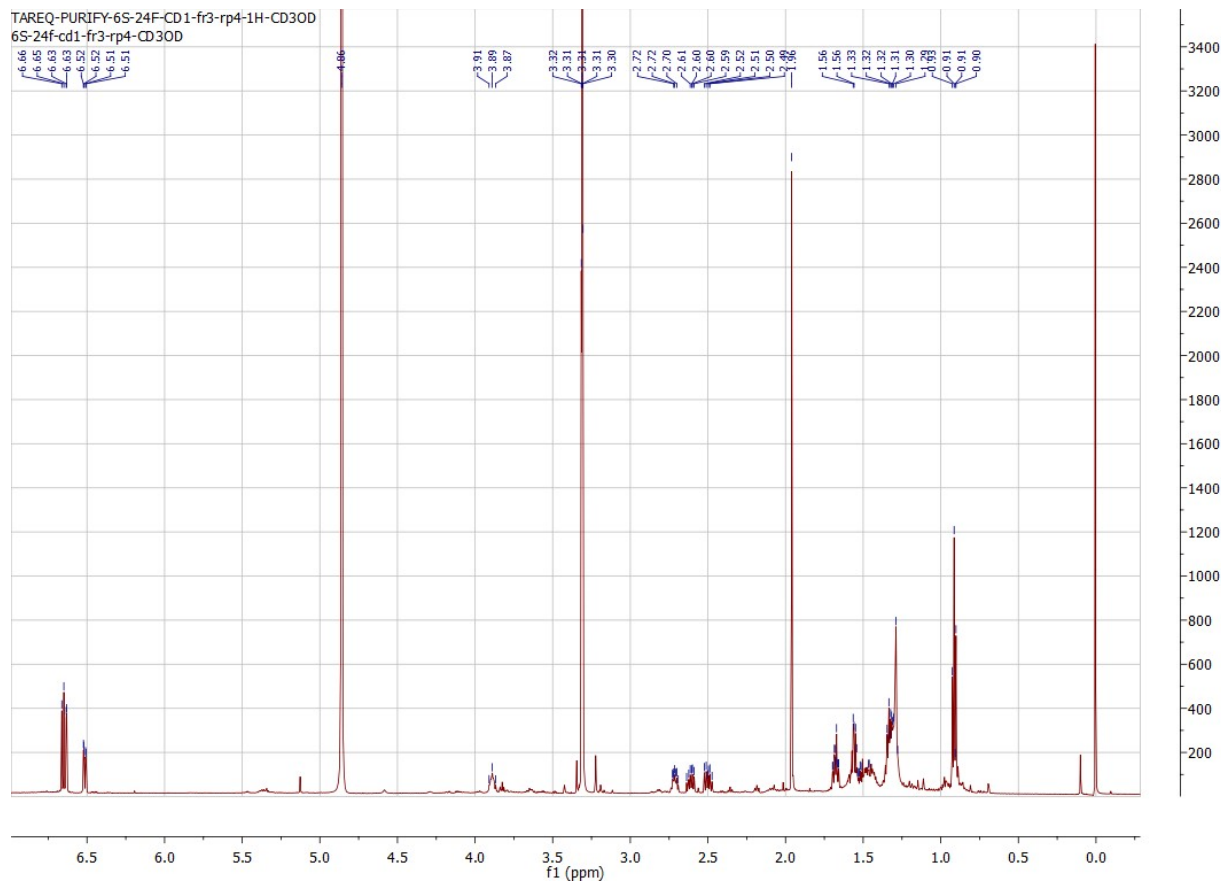


Figure S6. ^1H -NMR spectrum of NM2 in CD_3OD .

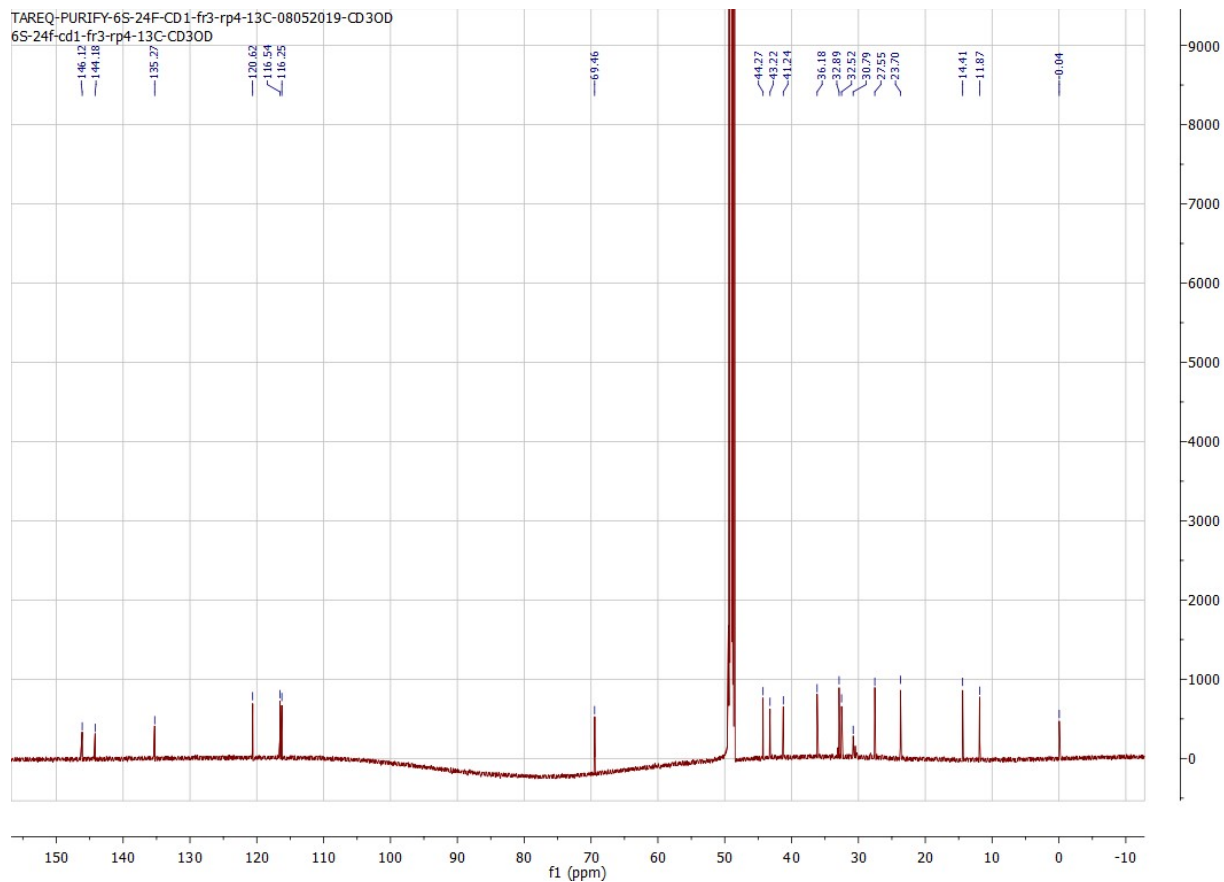


Figure S7. ^{13}C -NMR spectrum of NM2 in CD_3OD .

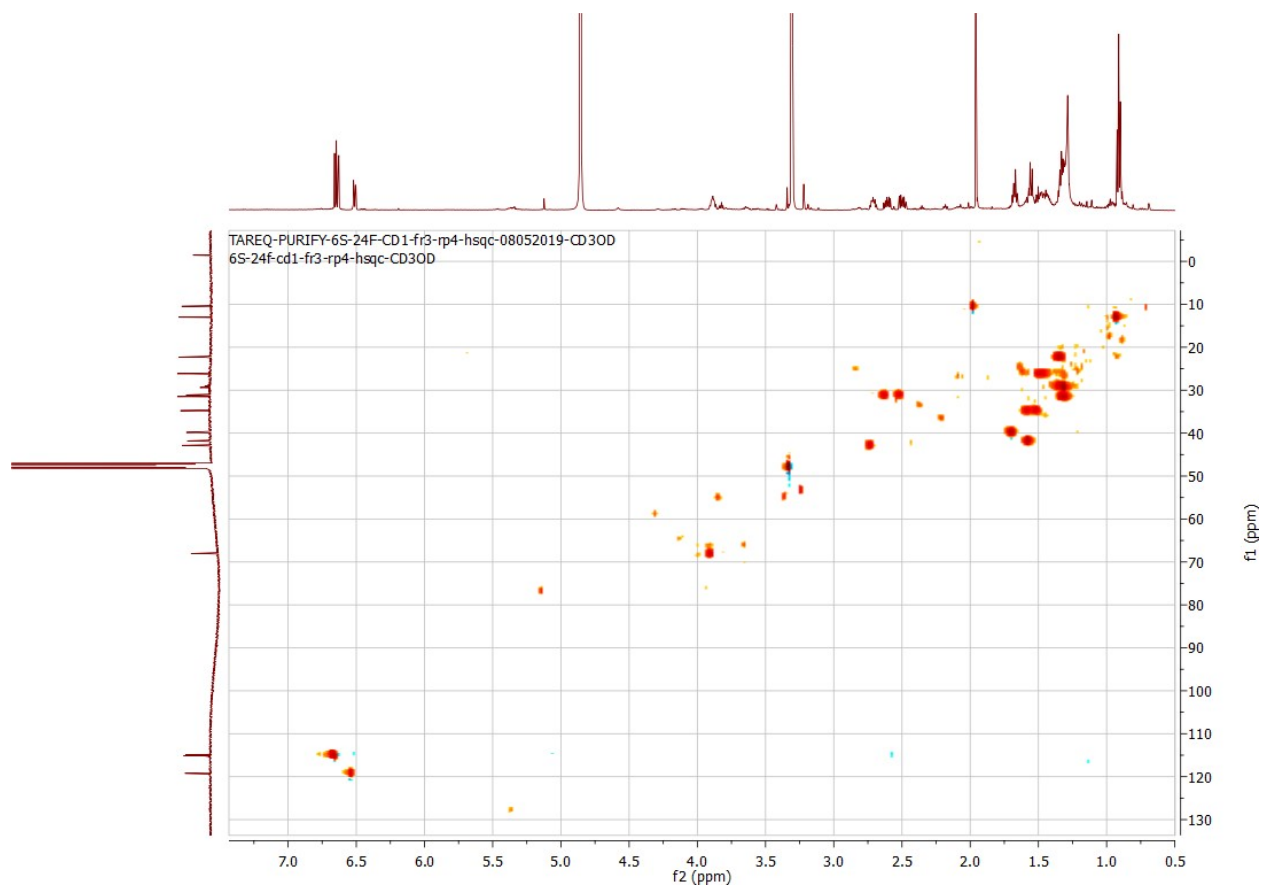


Figure S8. HSQC NMR spectrum of **NM2** in CD₃OD.

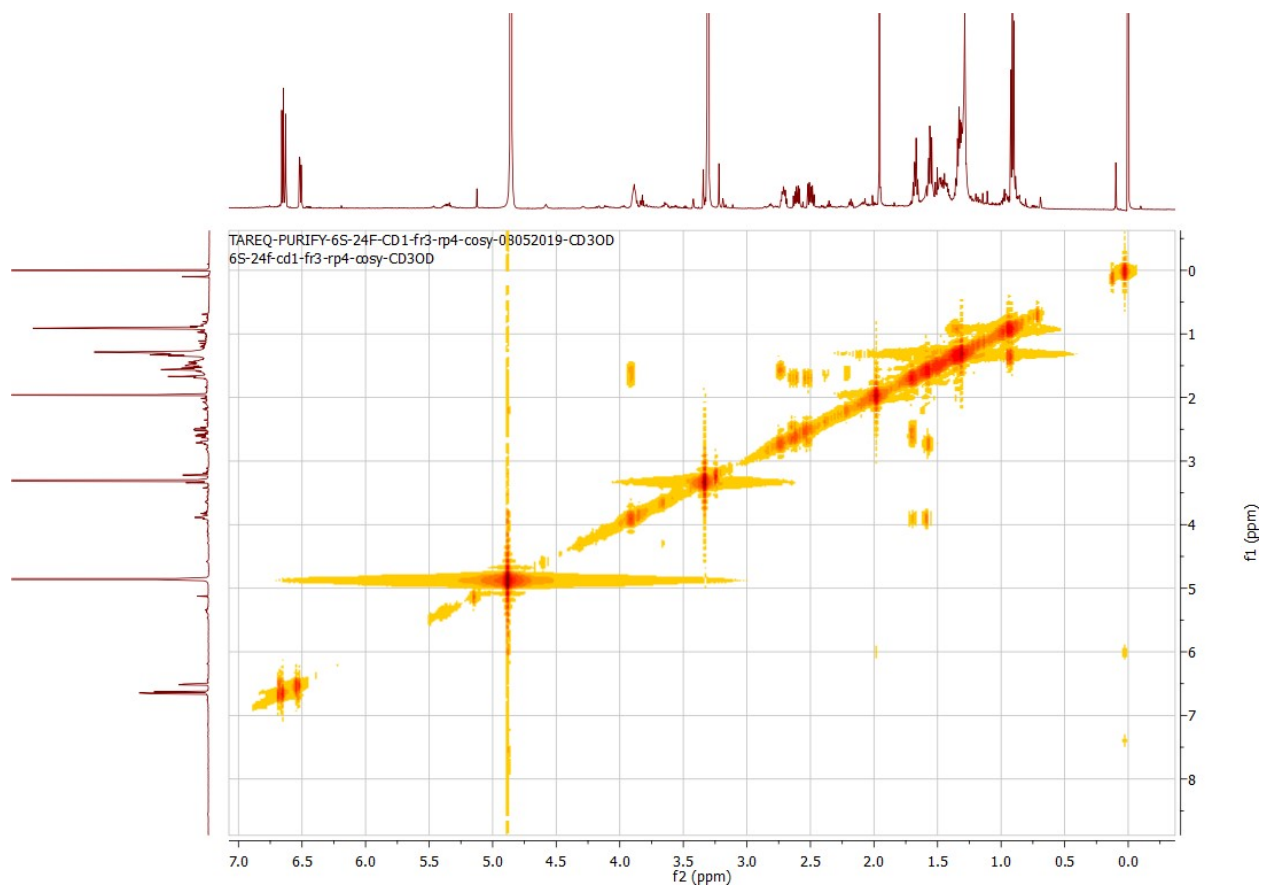


Figure S9. ^1H - ^1H COSY NMR spectrum of NM2 in CD_3OD .

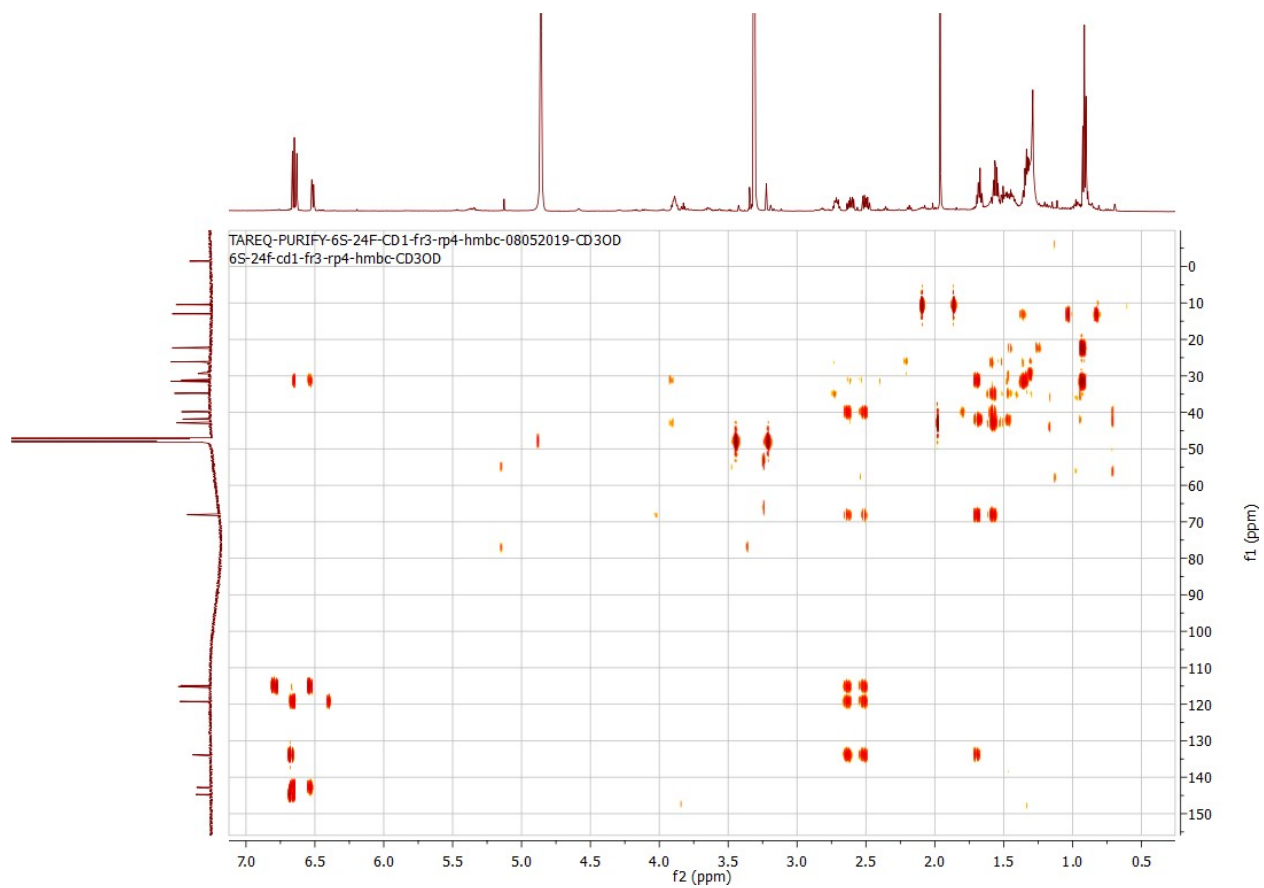


Figure S10. HMBC spectrum of NM2 in CD₃OD.