

Supplementary Materials

5-fluorouracil/Coumarin and 5-fluorouracil/Chromone Hybrids: Synthesis and Drug-likeness Modeling

Laura Giraldo-Arroyave, Andrés F. Yepes and Wilson Cardona-Galeano*

¹ *Química de Plantas Colombianas, Institute of Chemistry, Faculty of Exact and Natural Sciences,
University of Antioquia, UdeA, Calle 70 No. 52-21, A.A 1226, Medellín 050010, Colombia.*

laura.giraldoa@udea.edu.co (L.G.-A); andresf.yepes@udea.edu.co (A.F.Y.)

* Correspondence: *wilson.cardona1@udea.edu.co*

¹H, ¹³C NMR and MS spectra

Figure S1a; ^1H NMR of compound **8a**: 5-fluoro-1-((1-(3-((2-oxo-2H-chromen-7-yl)oxy)propyl)-1H-1,2,3-triazol-4-yl)methyl)pyrimidine-2,4(1H,3H)-dione

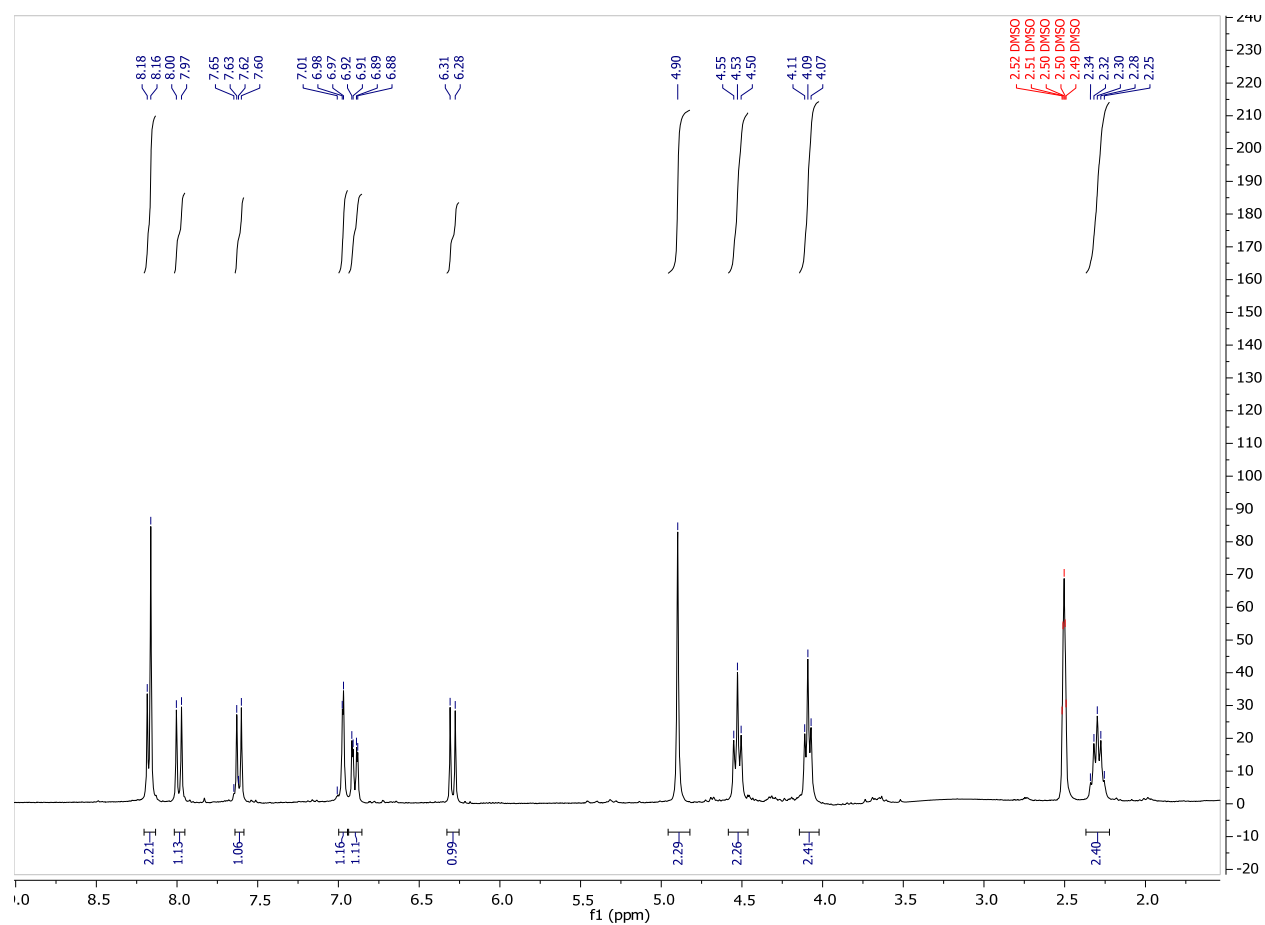
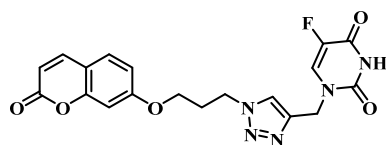


Figure S1b; ^{13}C NMR of compound **8a**:

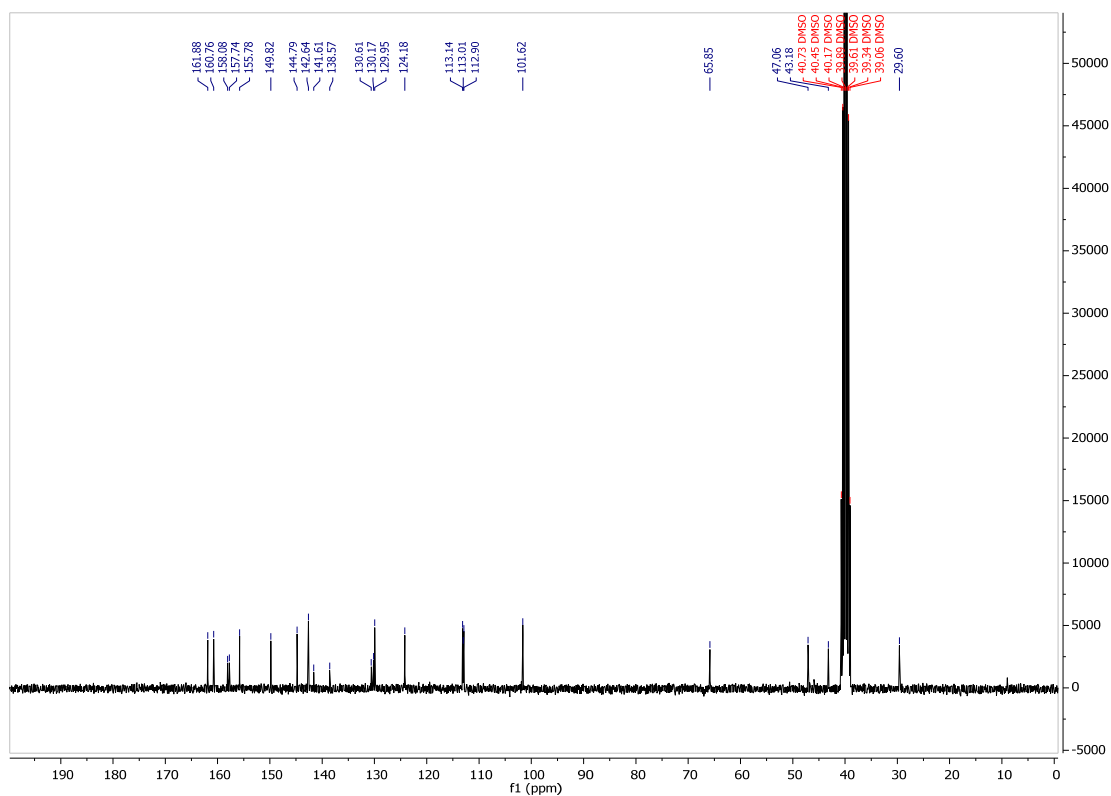


Figure S1c; MS spectra of compound **8a**:

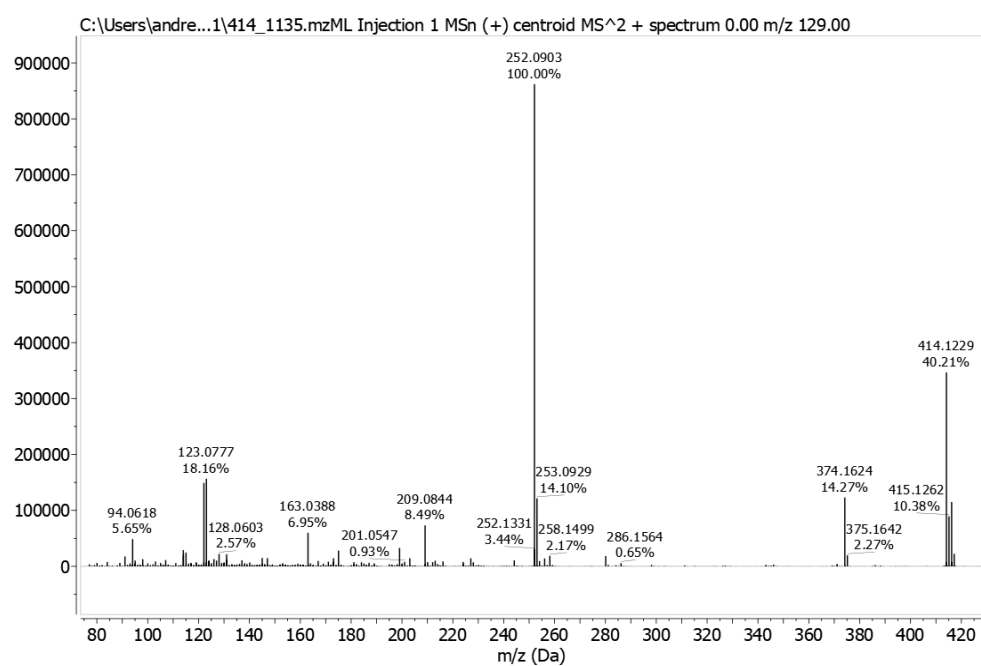


Figure S2a; ^1H NMR of compound **8b**: 5-fluoro-1-((1-(4-((2-oxo-2H-chromen-7-yl)oxy)butyl)-1H-1,2,3-triazol-4-yl)methyl)pyrimidine-2,4(1H,3H)-dione

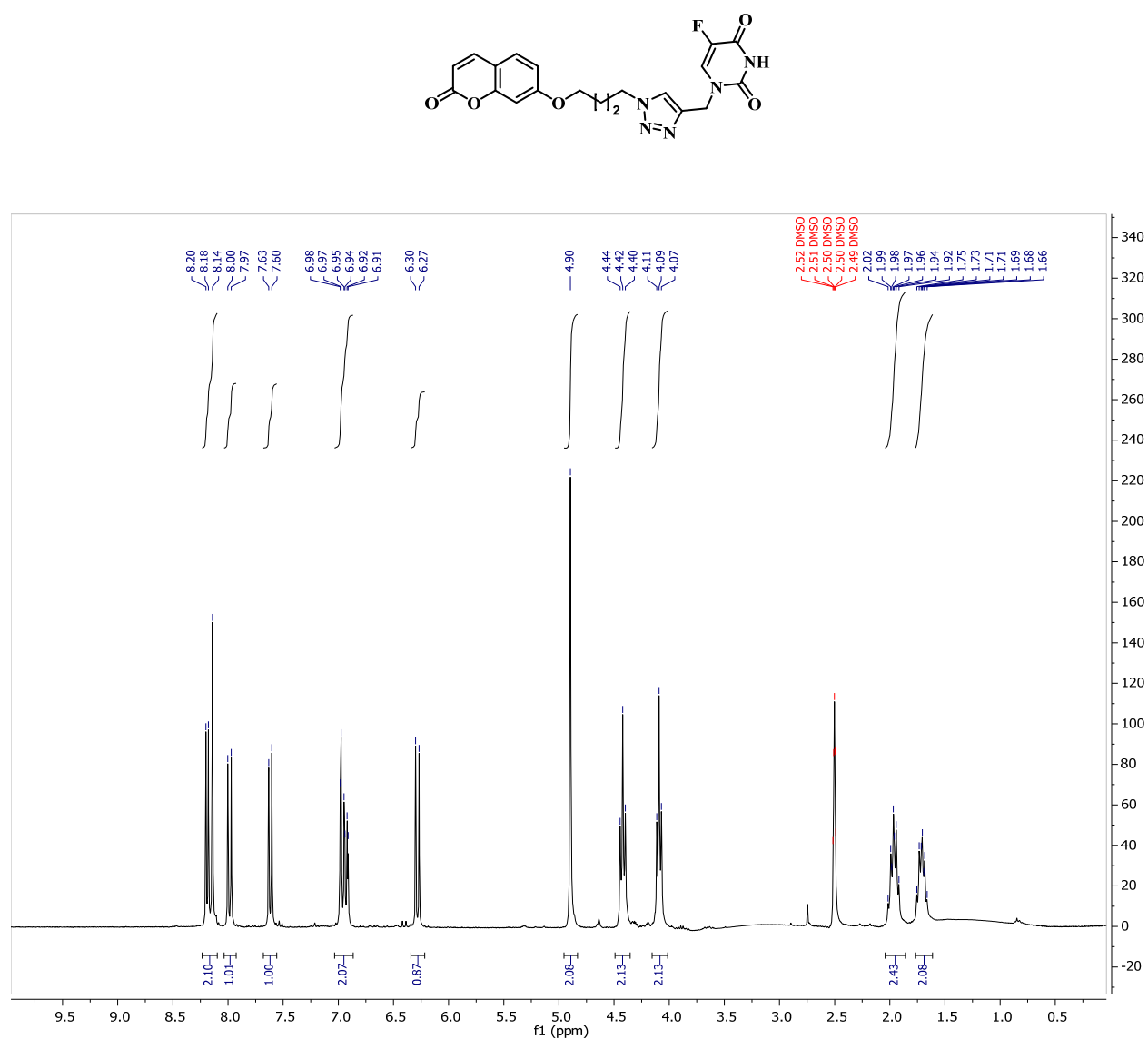


Figure S2b; ^{13}C NMR of compound **8b**:

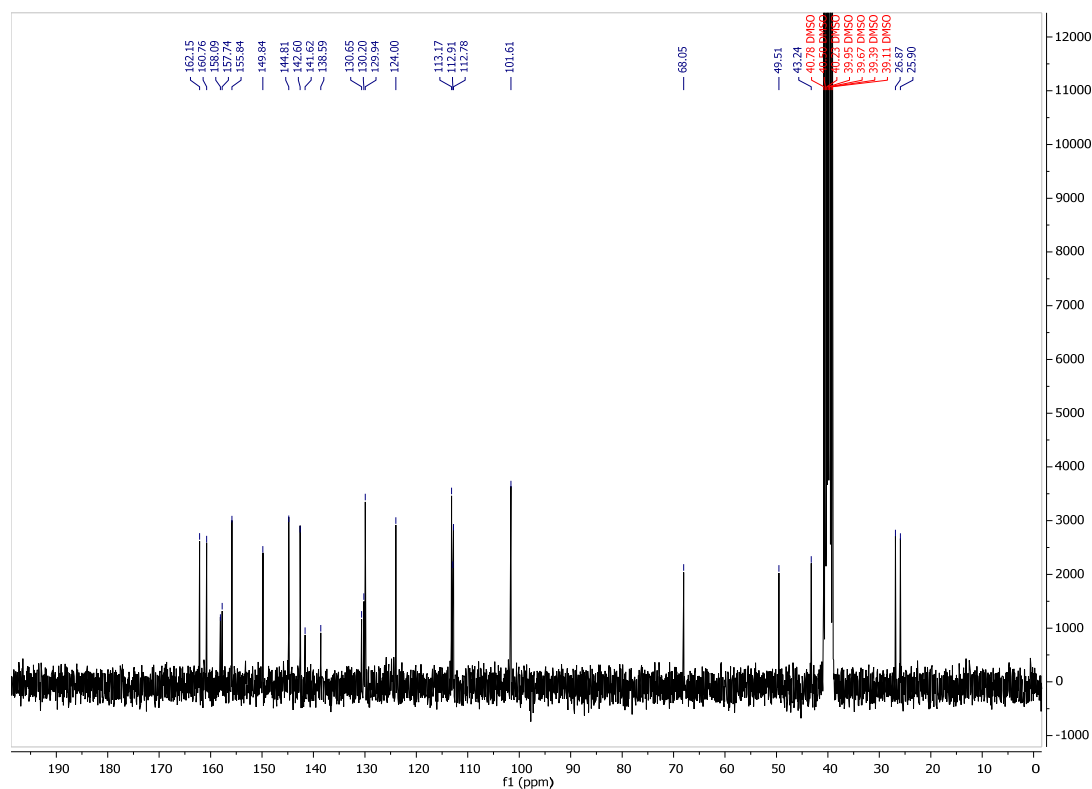


Figure S2c; MS spectra of compound **8b**:

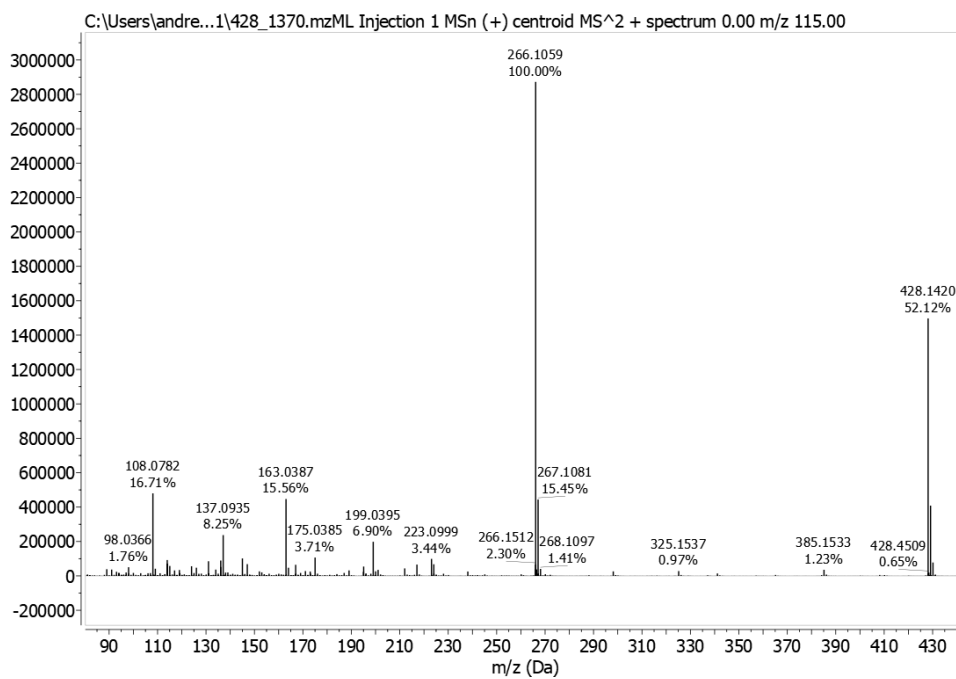


Figure S3a; ^1H NMR of compound **8c**: 5-fluoro-1-((1-(5-((2-oxo-2H-chromen-7-yl)oxy)pentyl)-1H-1,2,3-triazol-4-yl)methyl)pyrimidine-2,4(1H,3H)-dione

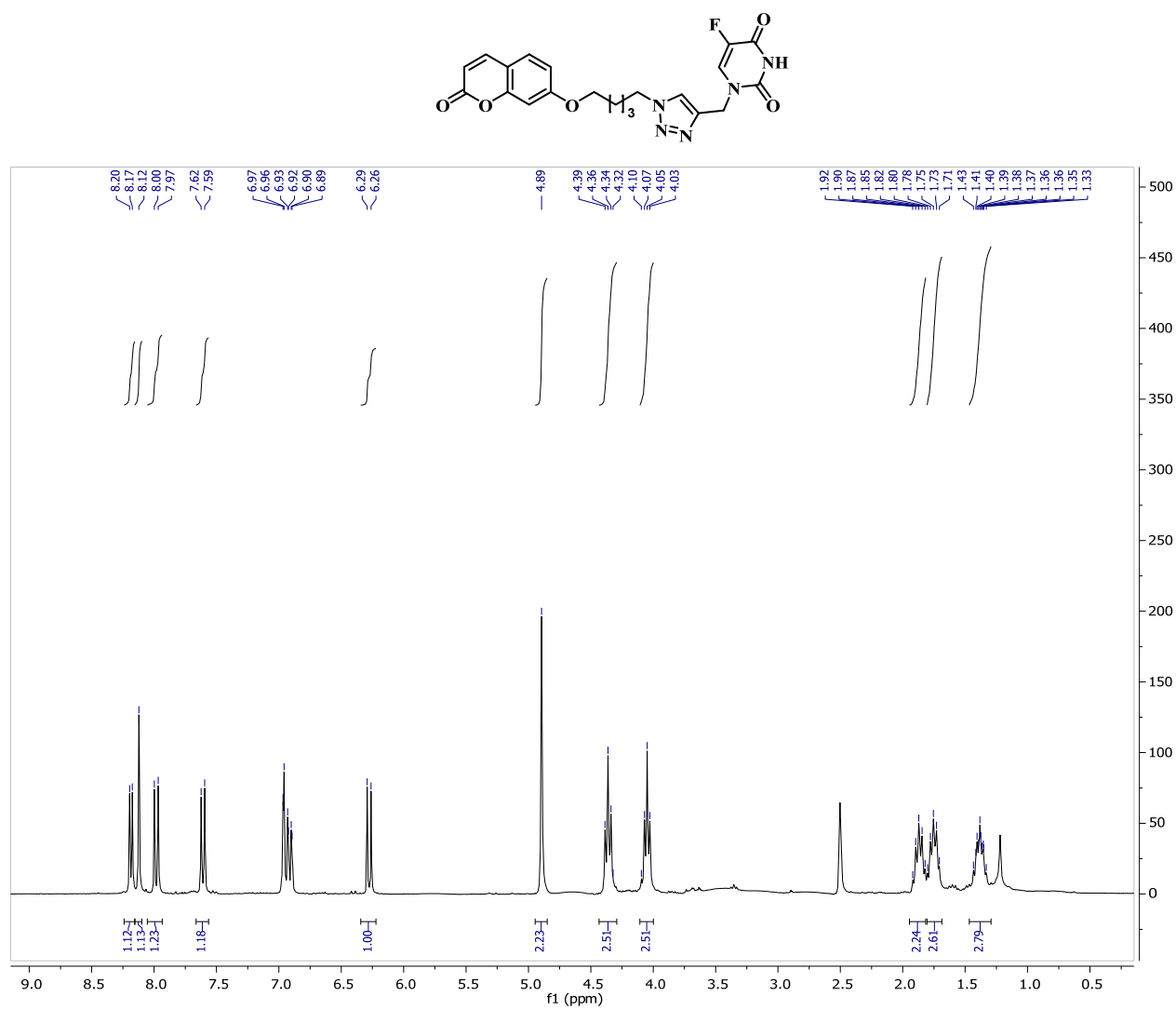


Figure S3b; ^{13}C NMR of compound **8c**:

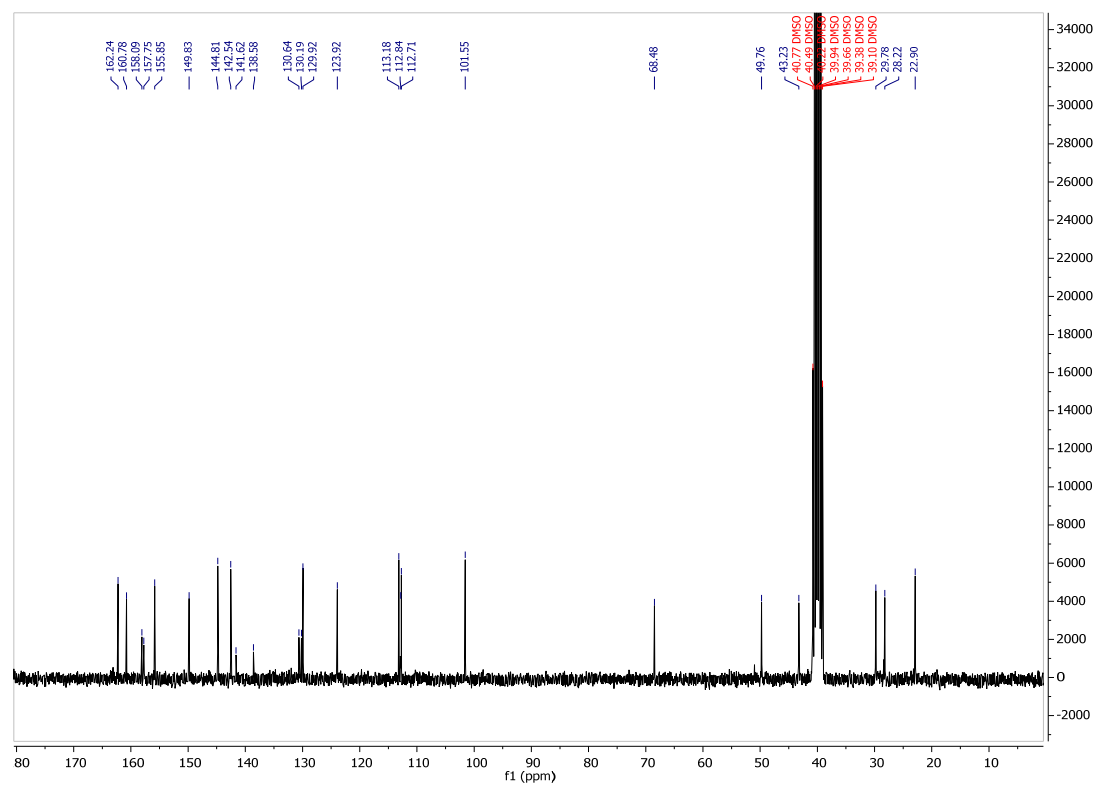


Figure S3c; MS spectra of compound **8c**:

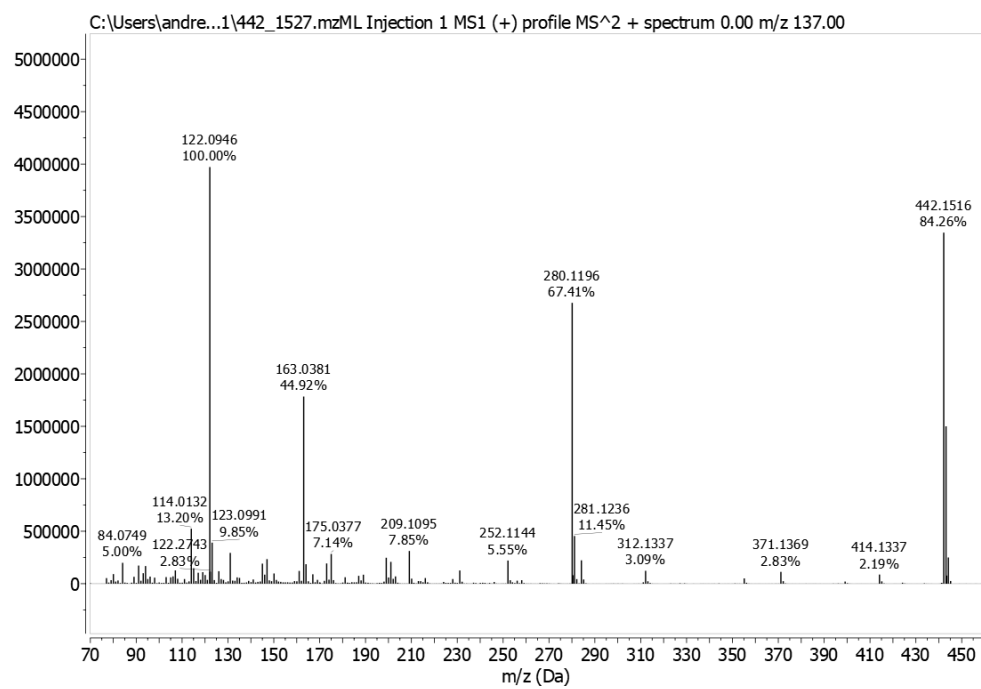


Figure S4a; ¹H NMR of compound **8d**: 5-fluoro-1-((1-(6-((2-oxo-2H-chromen-7-yl)oxy)hexyl)-1H-1,2,3-triazol-4-yl)methyl)pyrimidine-2,4(1H,3H)-dione

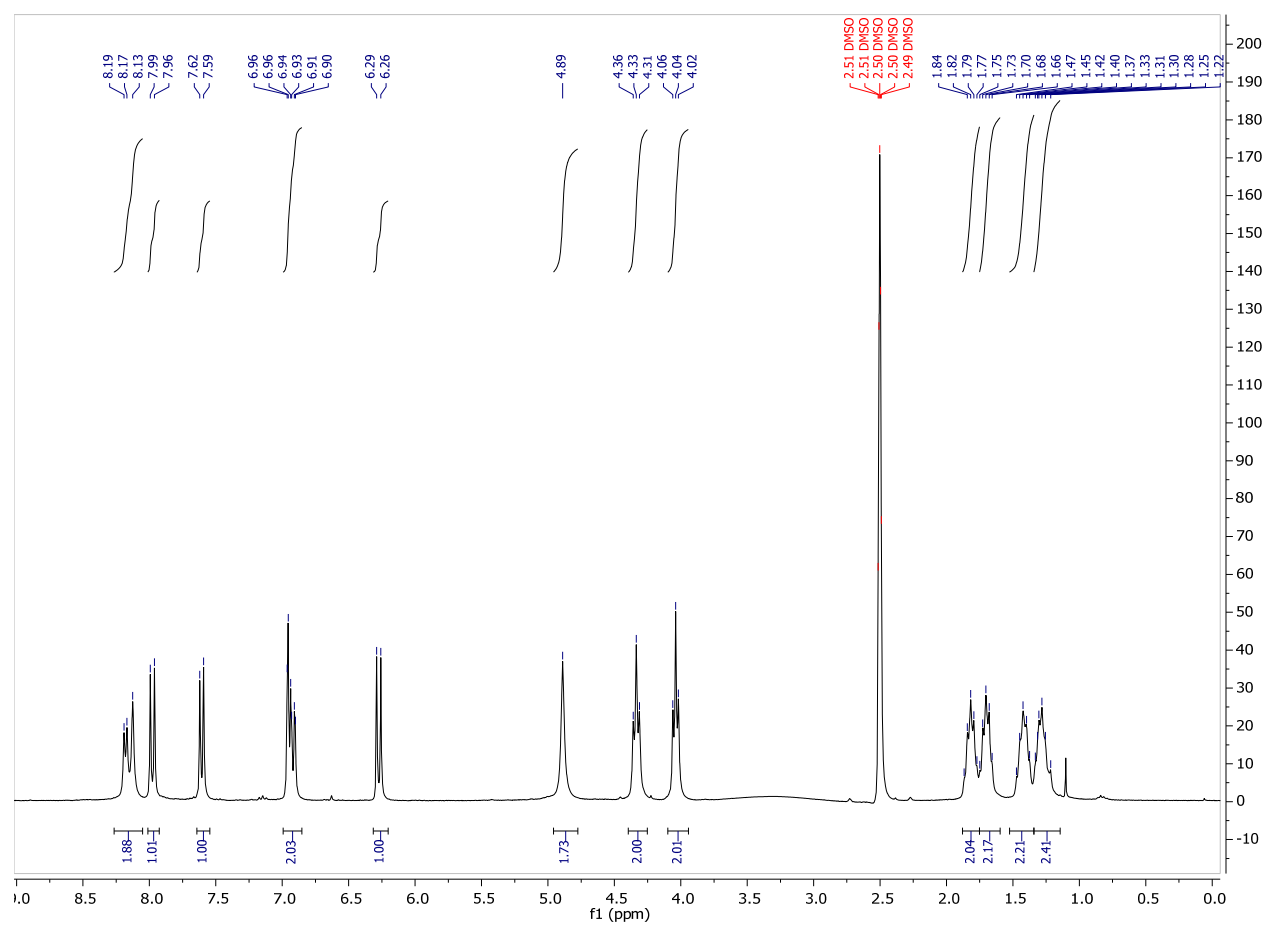
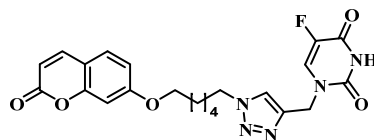


Figure S4b; ^{13}C NMR of compound **8d**:

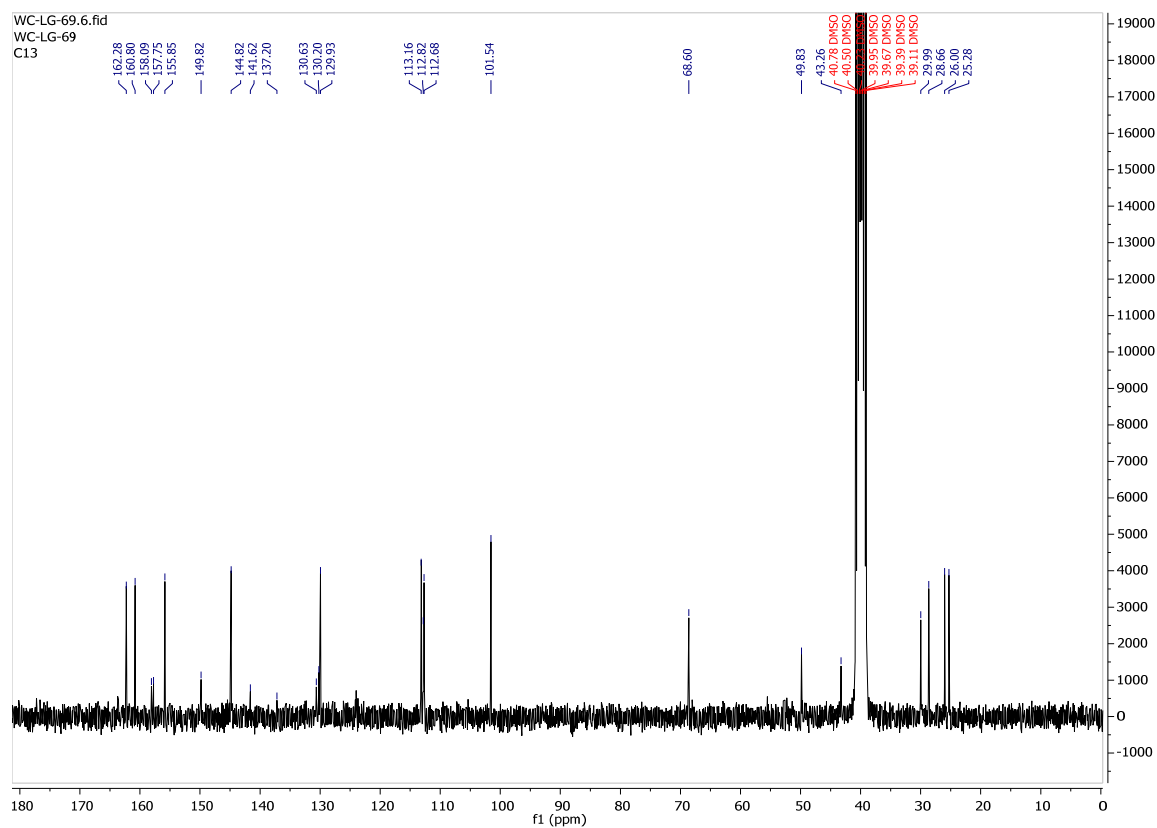


Figure S4c; MS spectra of compound **8d**:

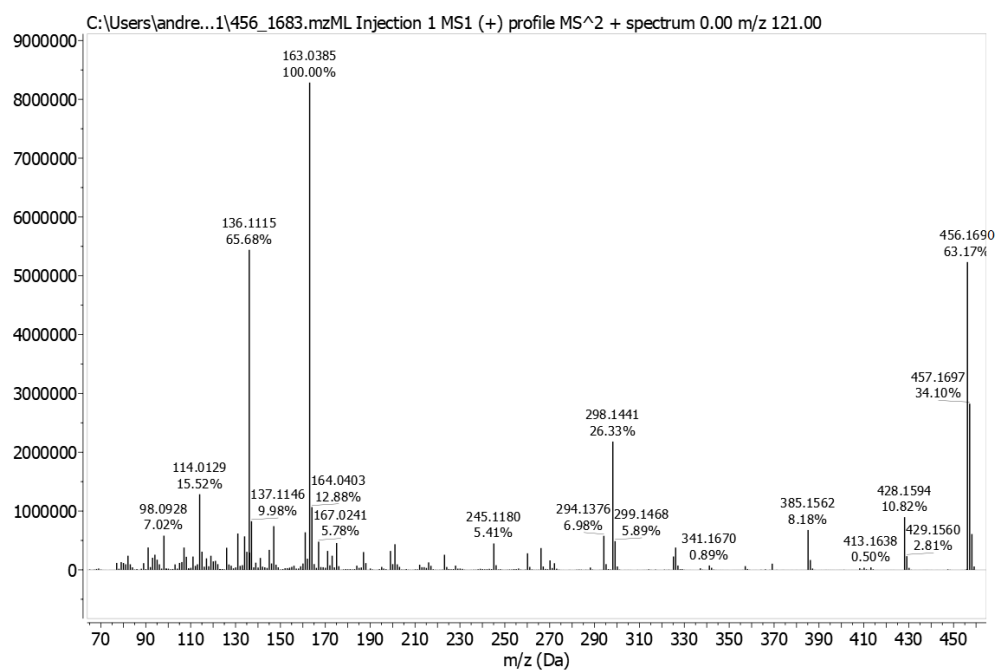


Figure S5a; ^1H NMR of compound **9a**: 5-fluoro-1-((1-(3-((4-oxo-4H-chromen-7-yl)oxy)propyl)-1H-1,2,3-triazol-4-yl)methyl)pyrimidine-2,4(1H,3H)-dione

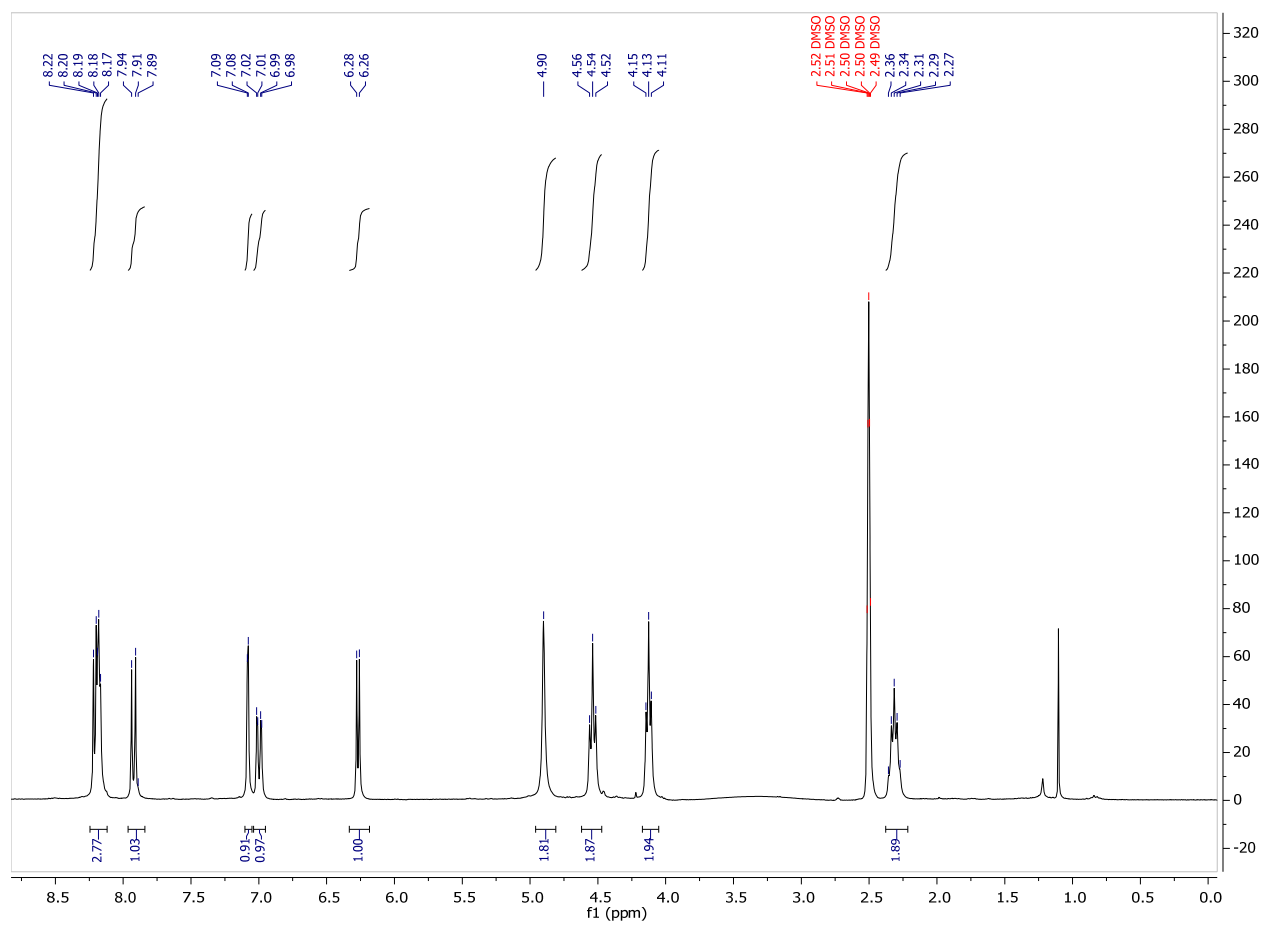
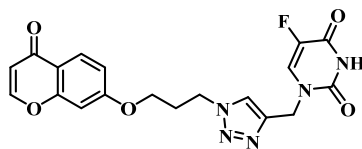


Figure S5b; ^{13}C NMR of compound **9a**:

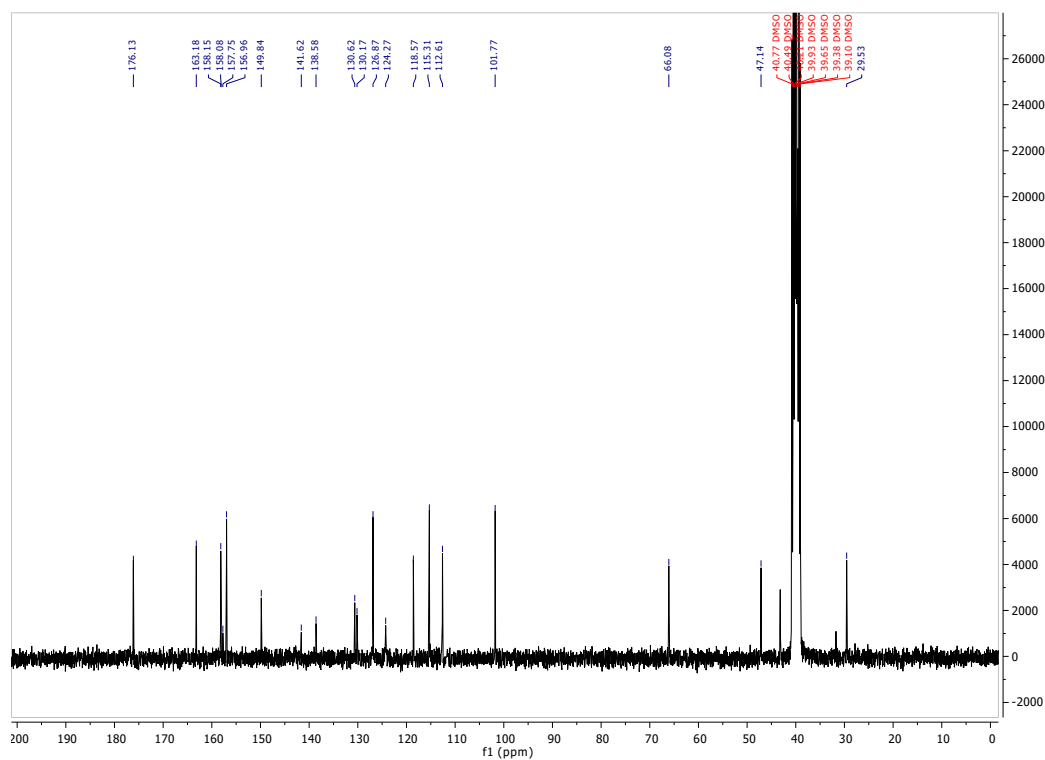


Figure S5c; MS spectra of compound **9a**:

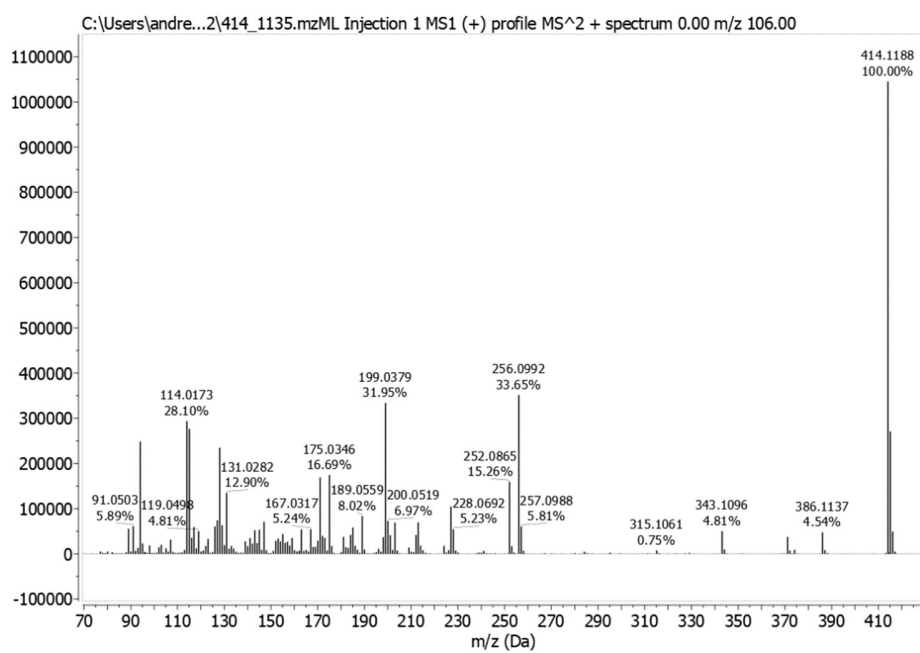


Figure S6a; ^1H NMR of compound **9b**: 5-fluoro-1-((1-(4-((4-oxo-4H-chromen-7-yl)oxy)butyl)-1H-1,2,3-triazol-4-yl)methyl)pyrimidine-2,4(1H,3H)-dione

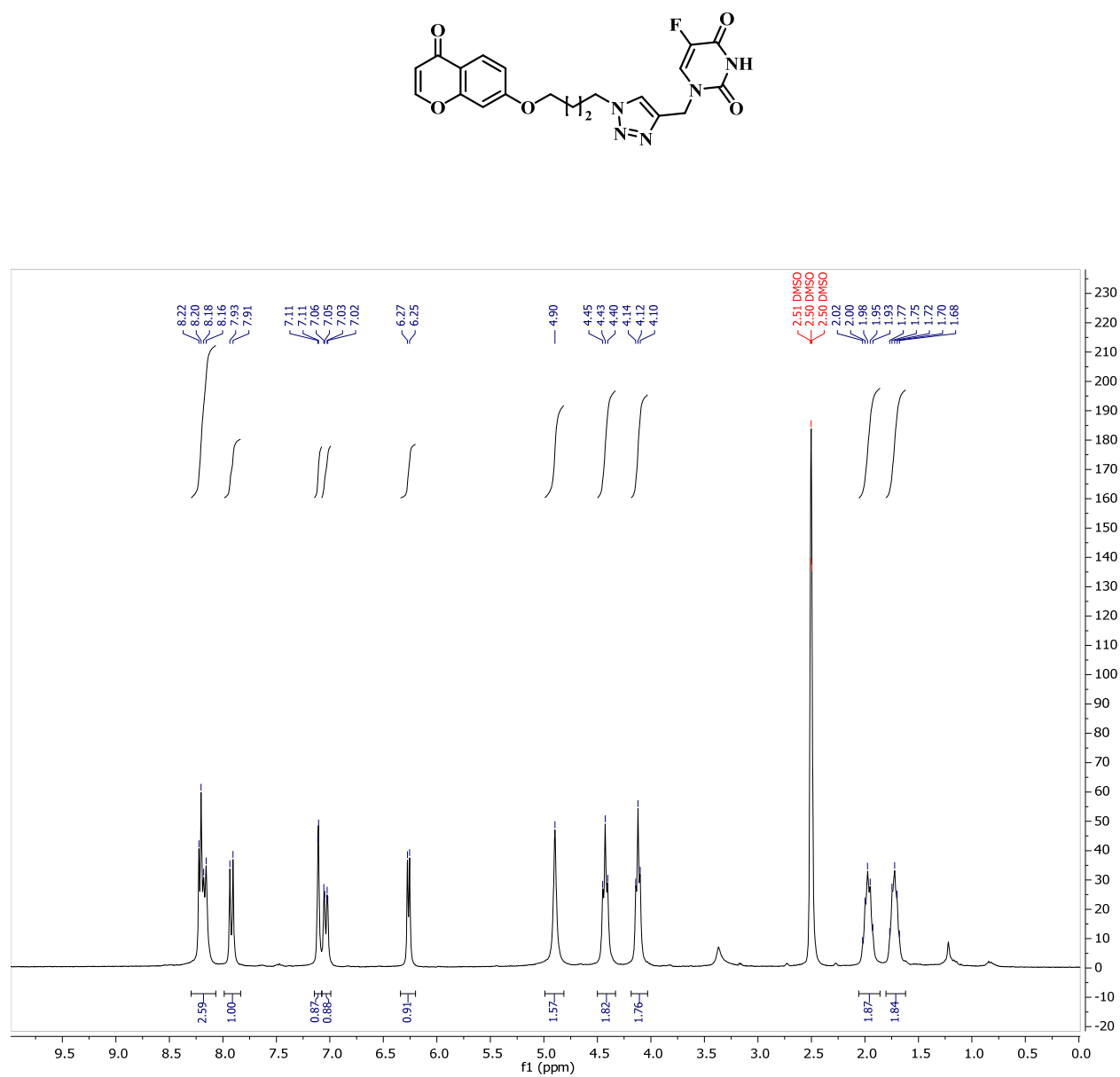


Figure S6b; ^{13}C NMR of compound **9b**:

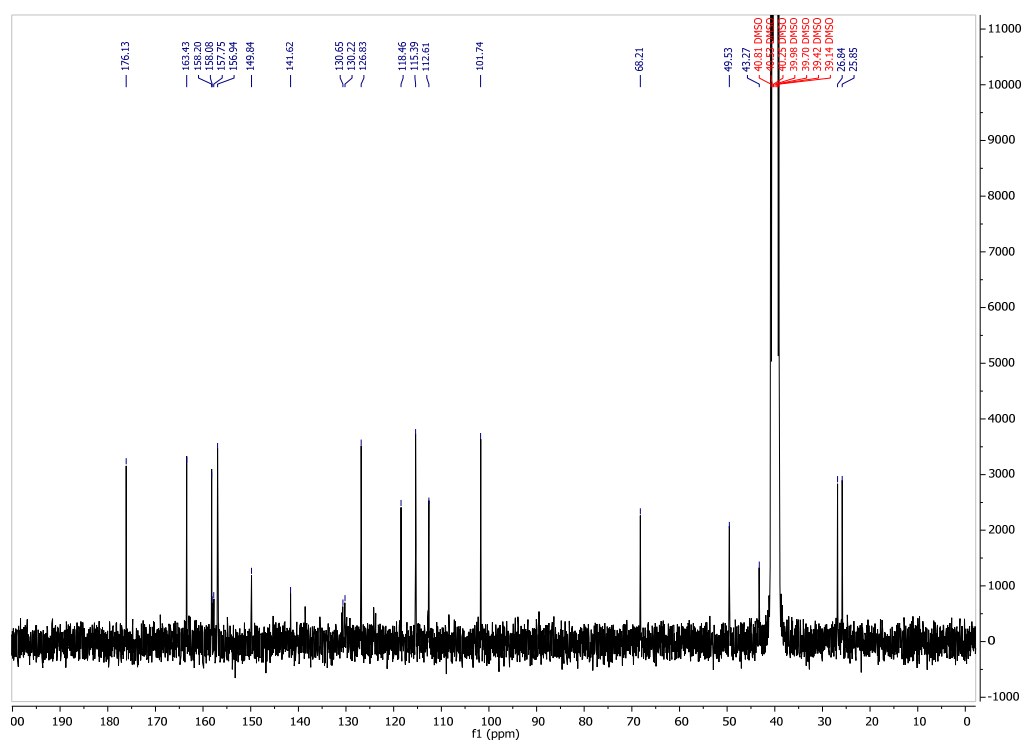


Figure S6c; MS spectra of compound **9b**:

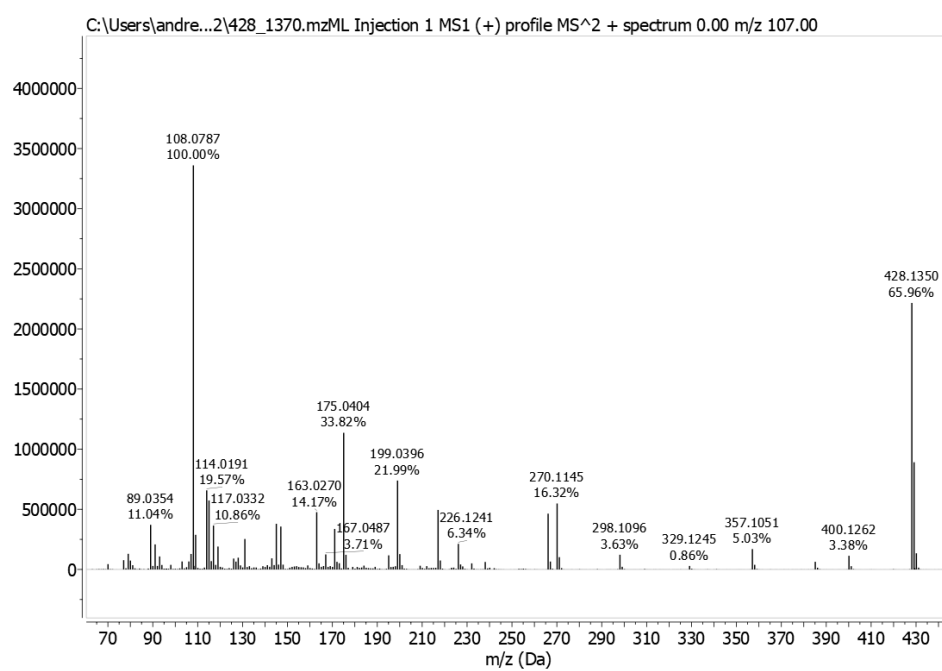


Figure S7a; ^1H NMR of compound **9c**: 5-fluoro-1-((1-(5-((4-oxo-4H-chromen-7-yl)oxy)pentyl)-1H-1,2,3-triazol-4-yl)methyl)pyrimidine-2,4(1H,3H)-dione

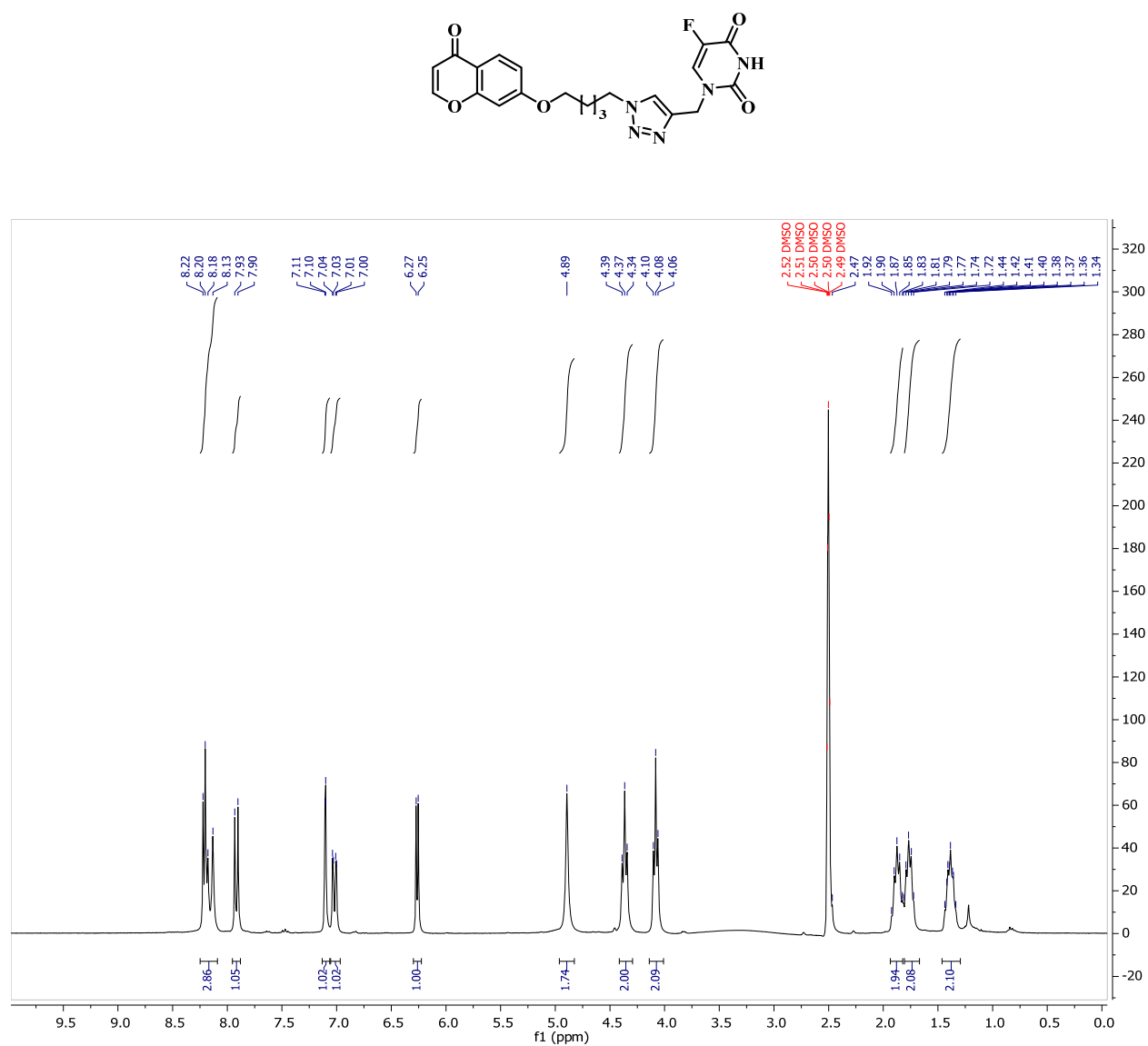


Figure S7b; ^{13}C NMR of compound **9c**:

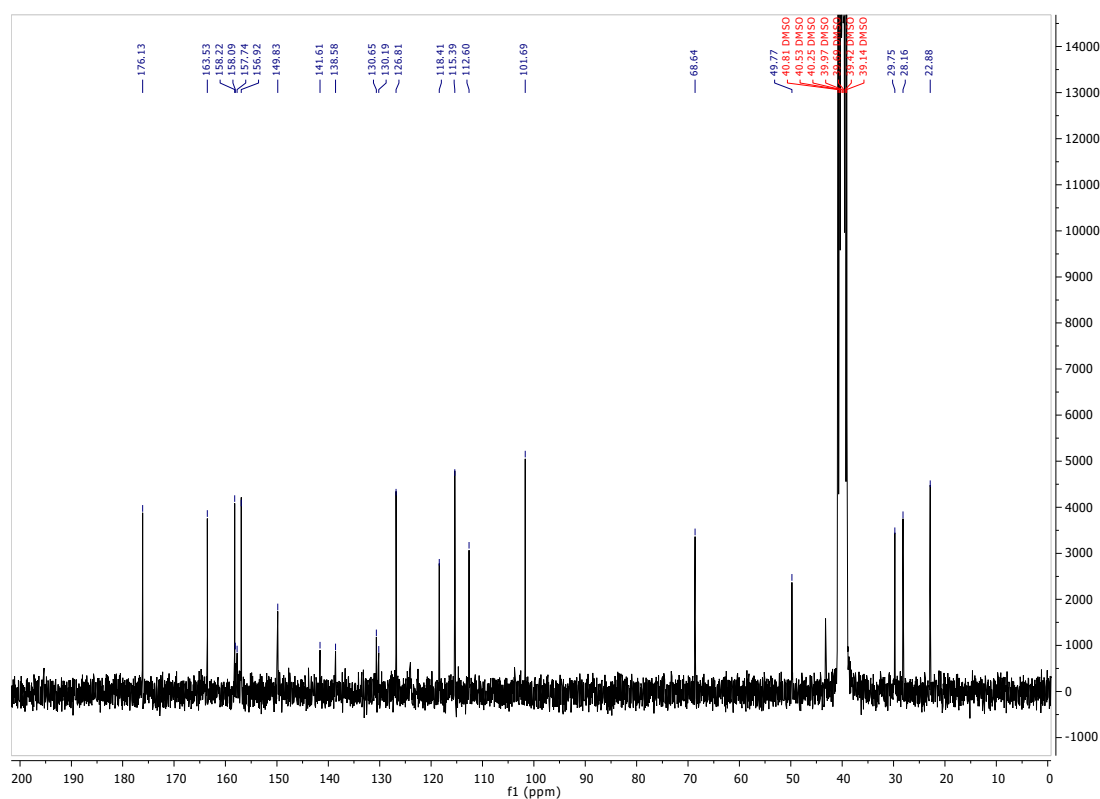


Figure S7c; MS spectra of compound **9c**:

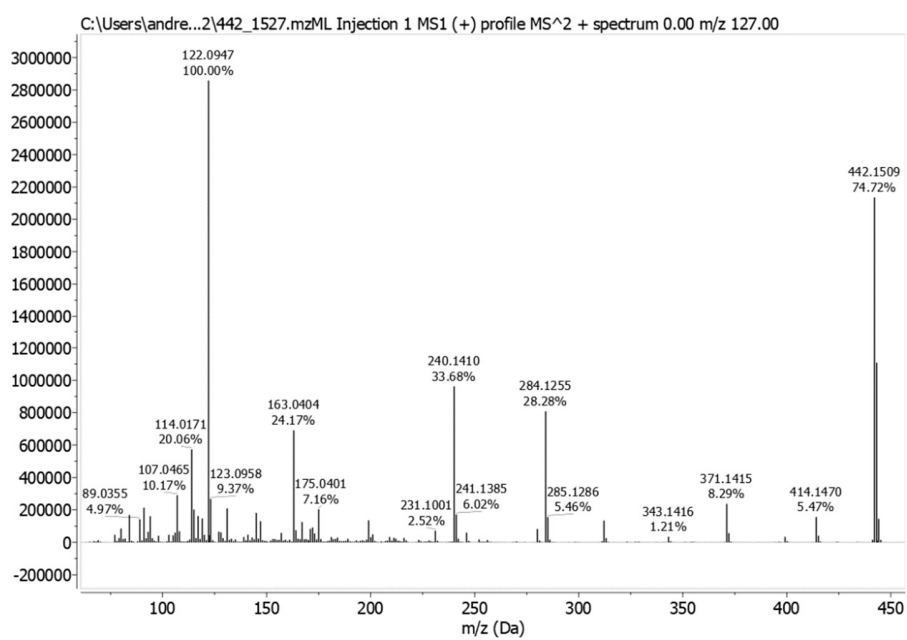


Figure S8a; ^1H NMR of compound **9d**: 5-fluoro-1-((1-(6-((4-oxo-4H-chromen-7-yl)oxy)hexyl)-1H-1,2,3-triazol-4-yl)methyl)pyrimidine-2,4(1H,3H)-dione

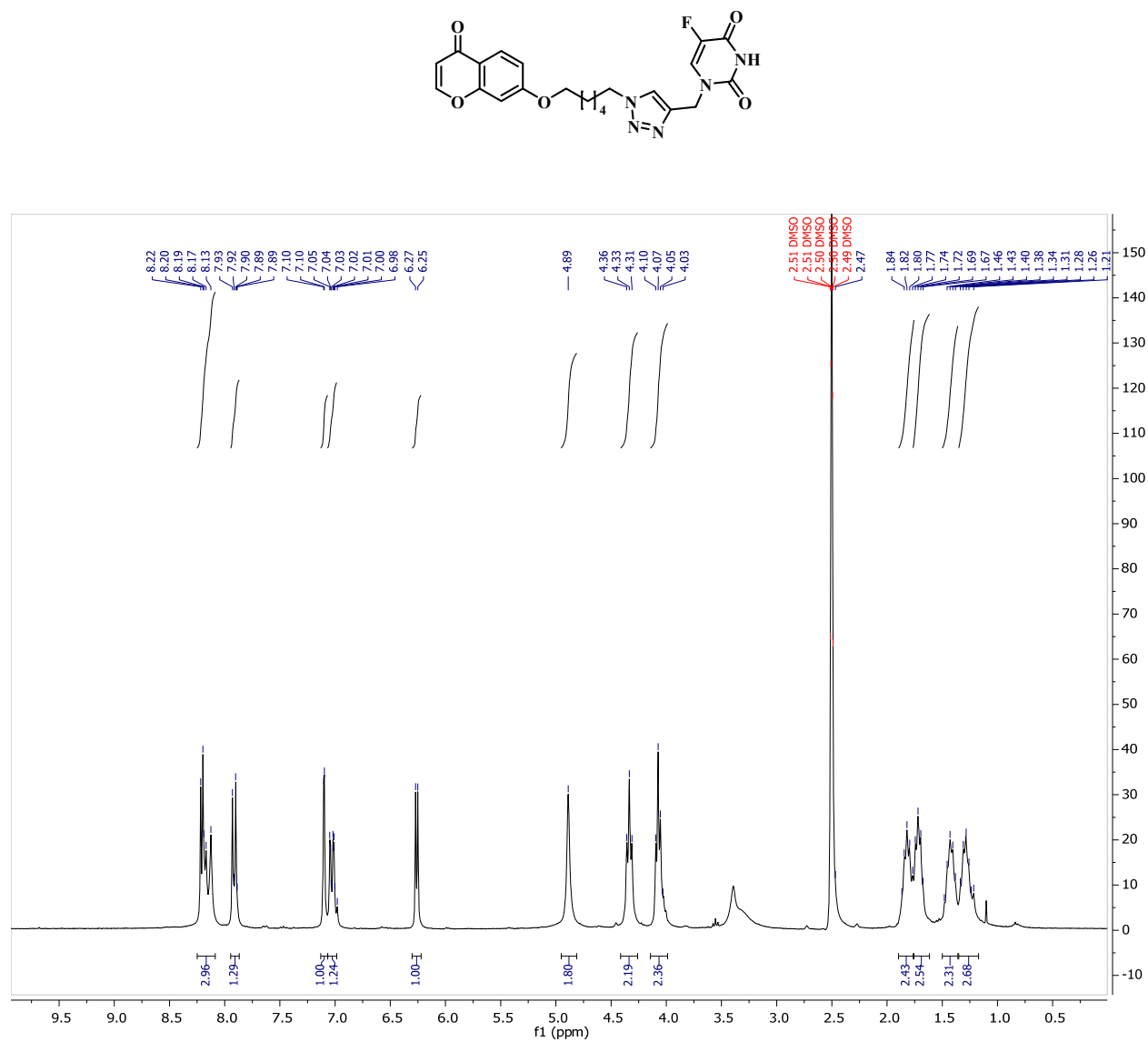


Figure S8b; ^{13}C NMR of compound **9d**:

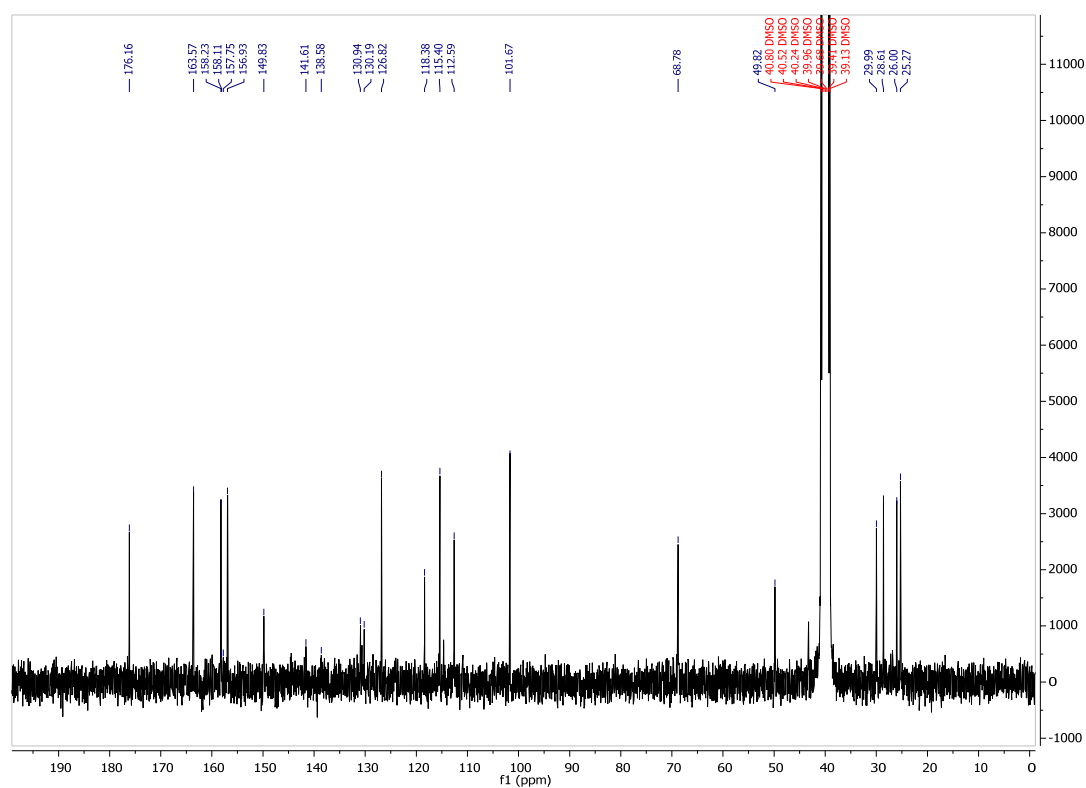


Figure S8c; MS spectra of compound **9d**:

