

Magnetic nanoparticles with on-site azide and alkyne functionalized polymer coating in a single step through a solvothermal process

Romualdo Mora-Cabello,¹ David Fuentes-Ríos,¹ Lidia Gago,^{2,3,4} Laura Cabeza,^{2,3,4} Ana Moscoso,¹ Consolación Melguizo,^{2,3,4} José Prados,^{2,3,4} Francisco Sarabia,¹ and Juan Manuel López-Romero^{1,*}

1. Department of Organic Chemistry, Faculty of Sciences, University of Málaga, 29071 Málaga, Spain

2. Institute of Biopathology and Regenerative Medicine (IBIMER), Biomedical Research Center (CIBM), 18100 Granada, Spain

3. Instituto de Investigación Biosanitaria de Granada (Ibs.GRANADA), 18012 Granada, Spain

4. Department of Anatomy and Embryology, University of Granada, 18071 Granada, Spain.

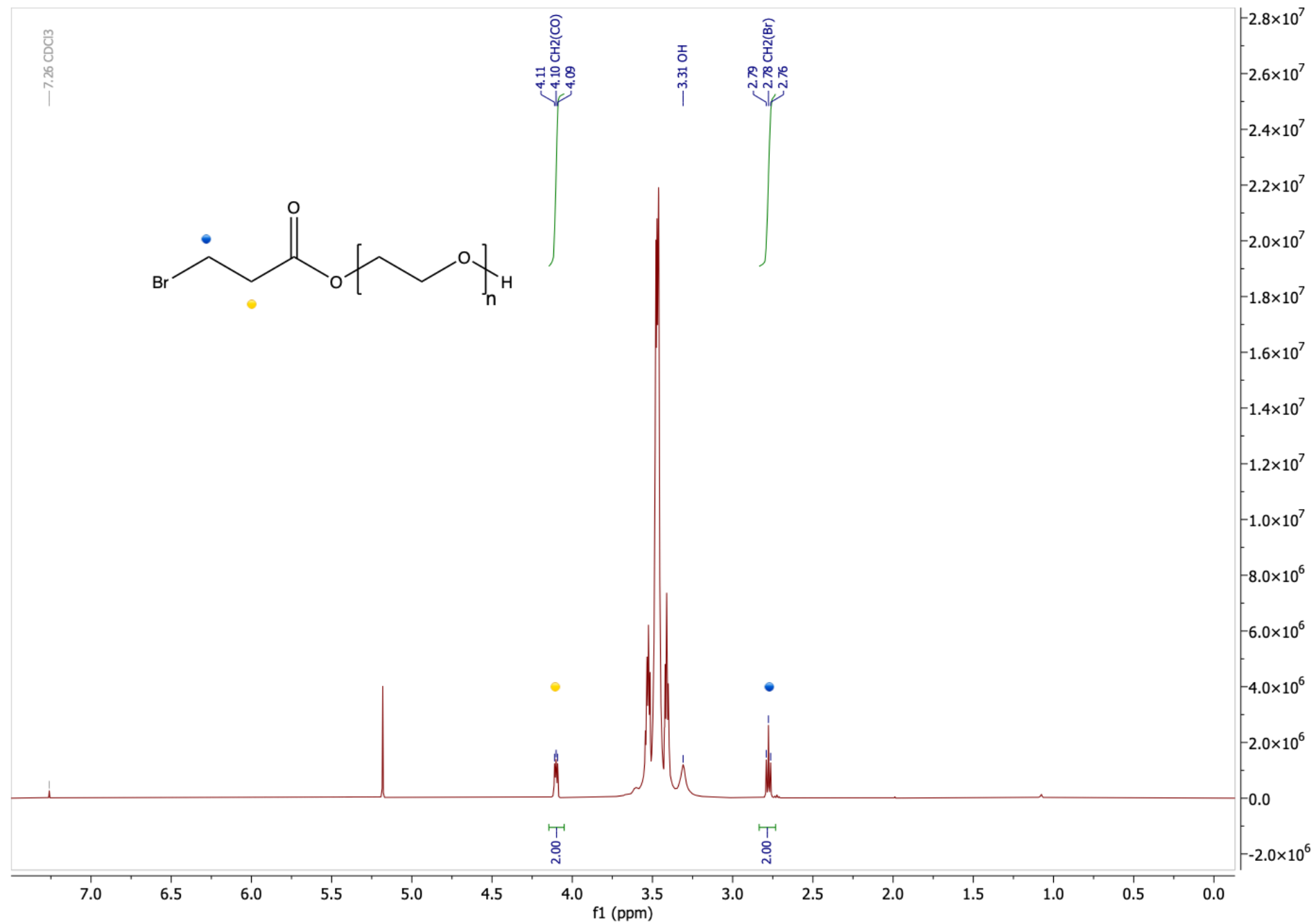


Figure S1. ^1H -NMR spectrum (500 MHz, CDCl_3) of PEG400-Br

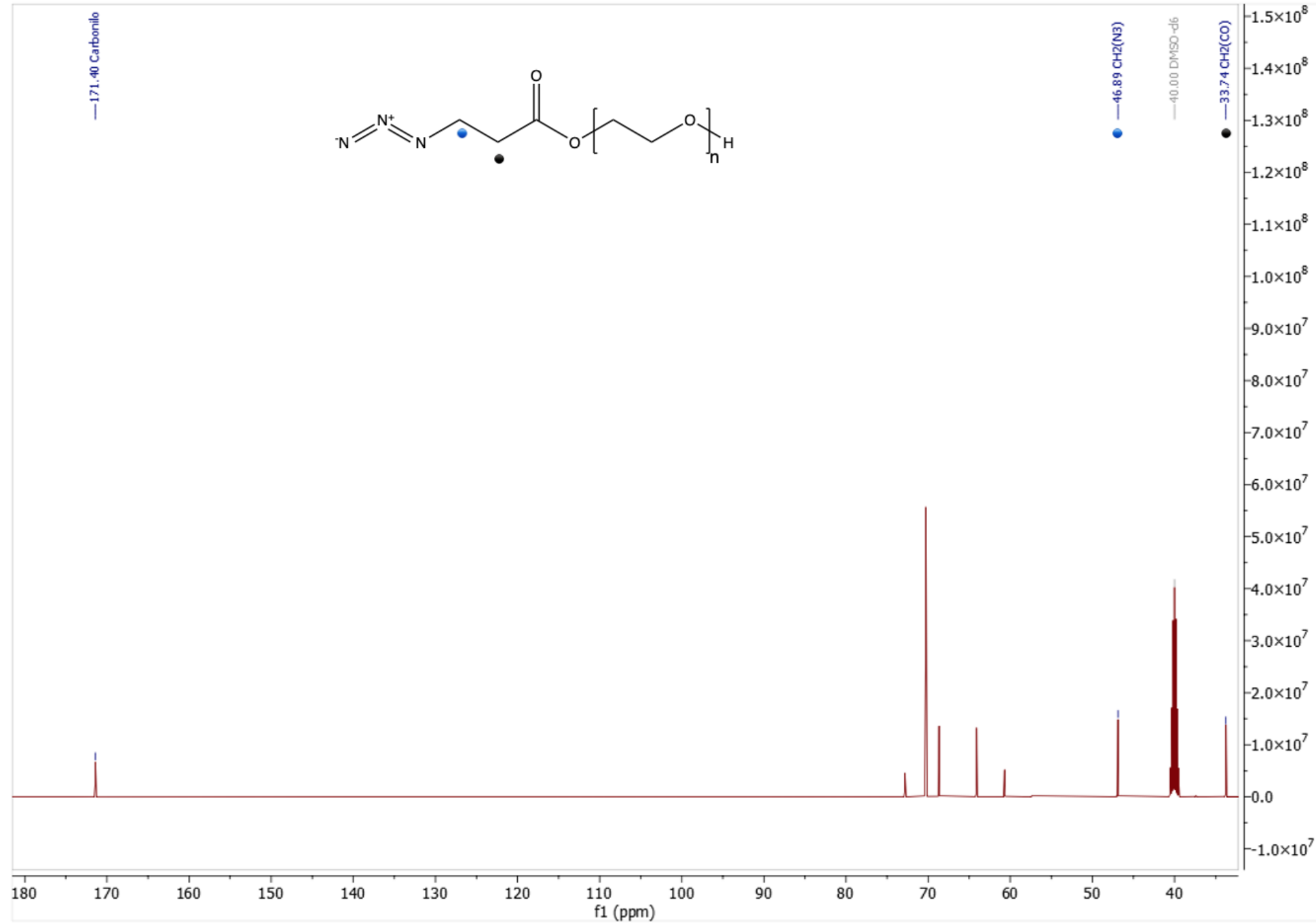


Figure S5. ^{13}C -NMR spectrum (100 MHz, CDCl_3) of PEG400- N_3

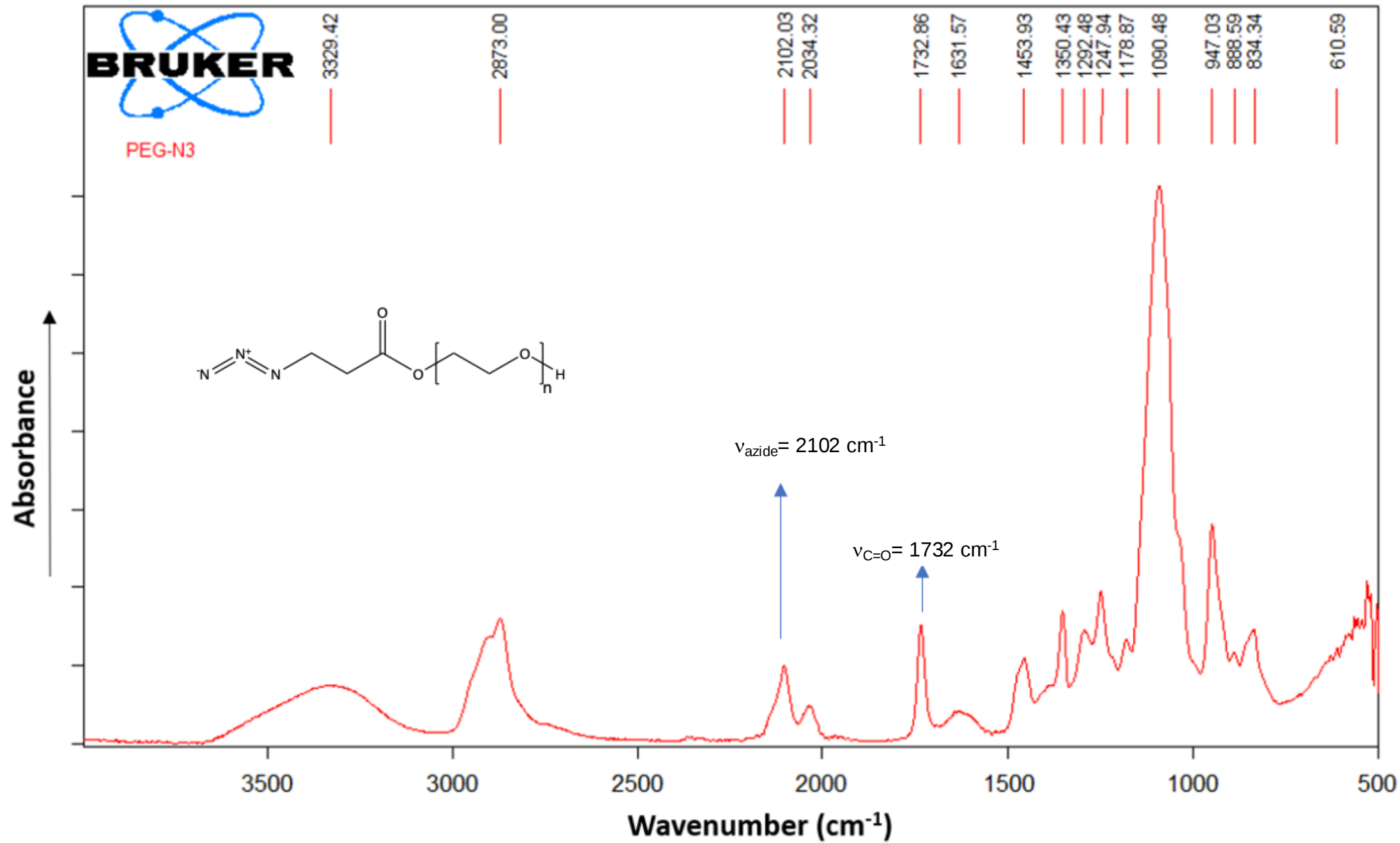


Figure S6. FT-IR spectrum of PEG400-N₃

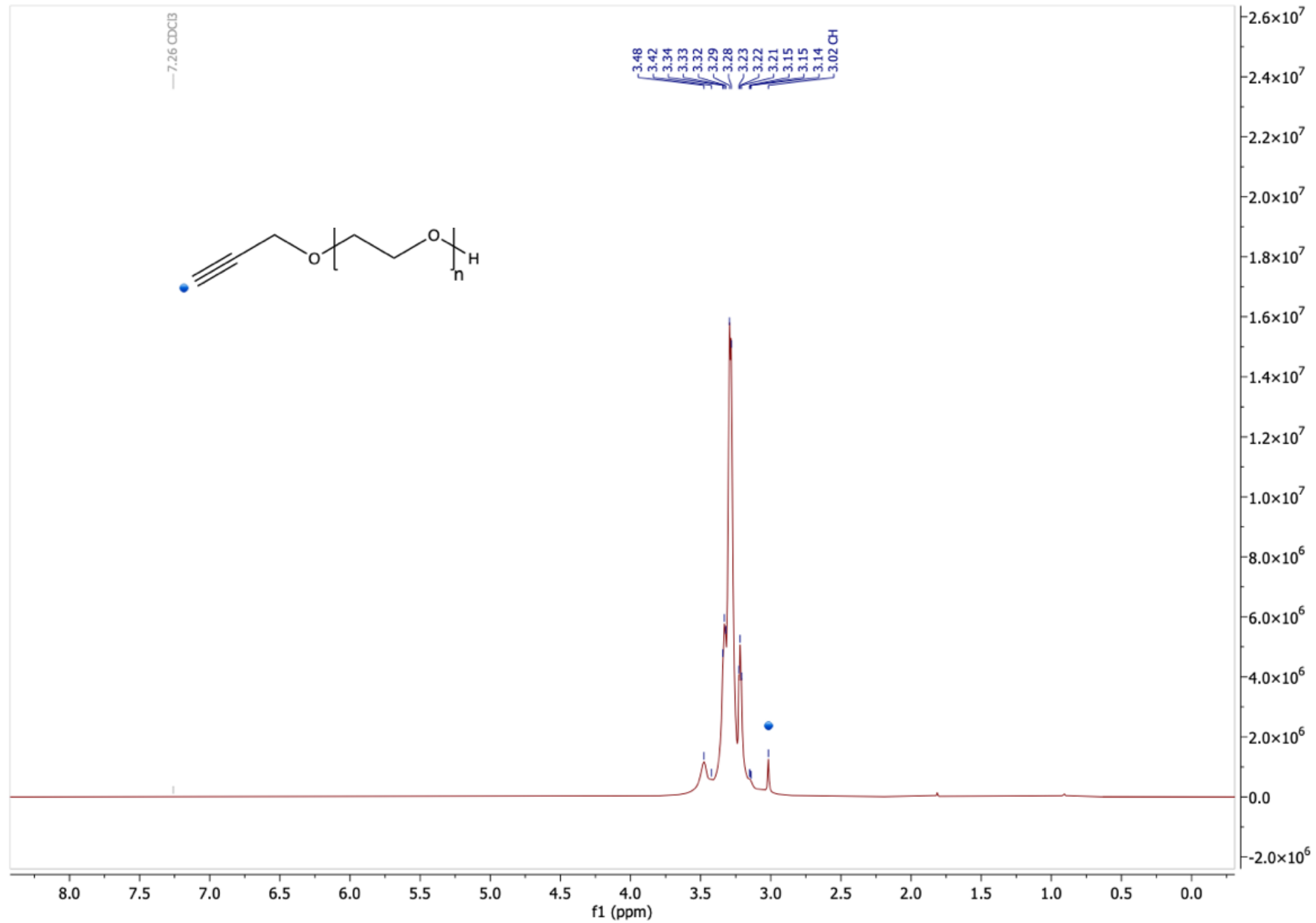


Figure S7. ^1H -NMR spectrum (500 MHz, CDCl_3) of PEG400-Pro

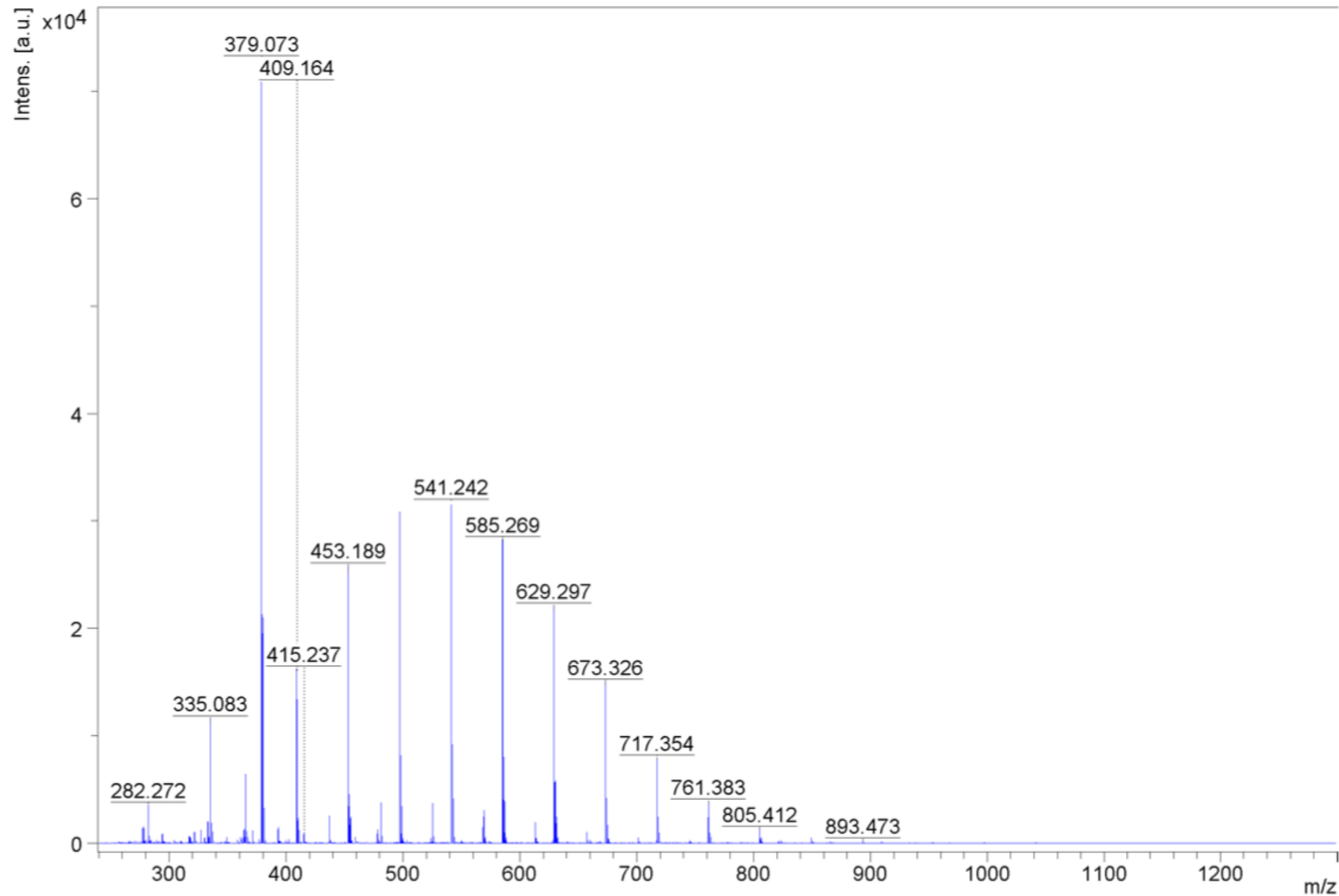


Figure S9. MALDI-TOF-MS spectrum of PEG400 with TFA matrix and Na^+ ionization agent

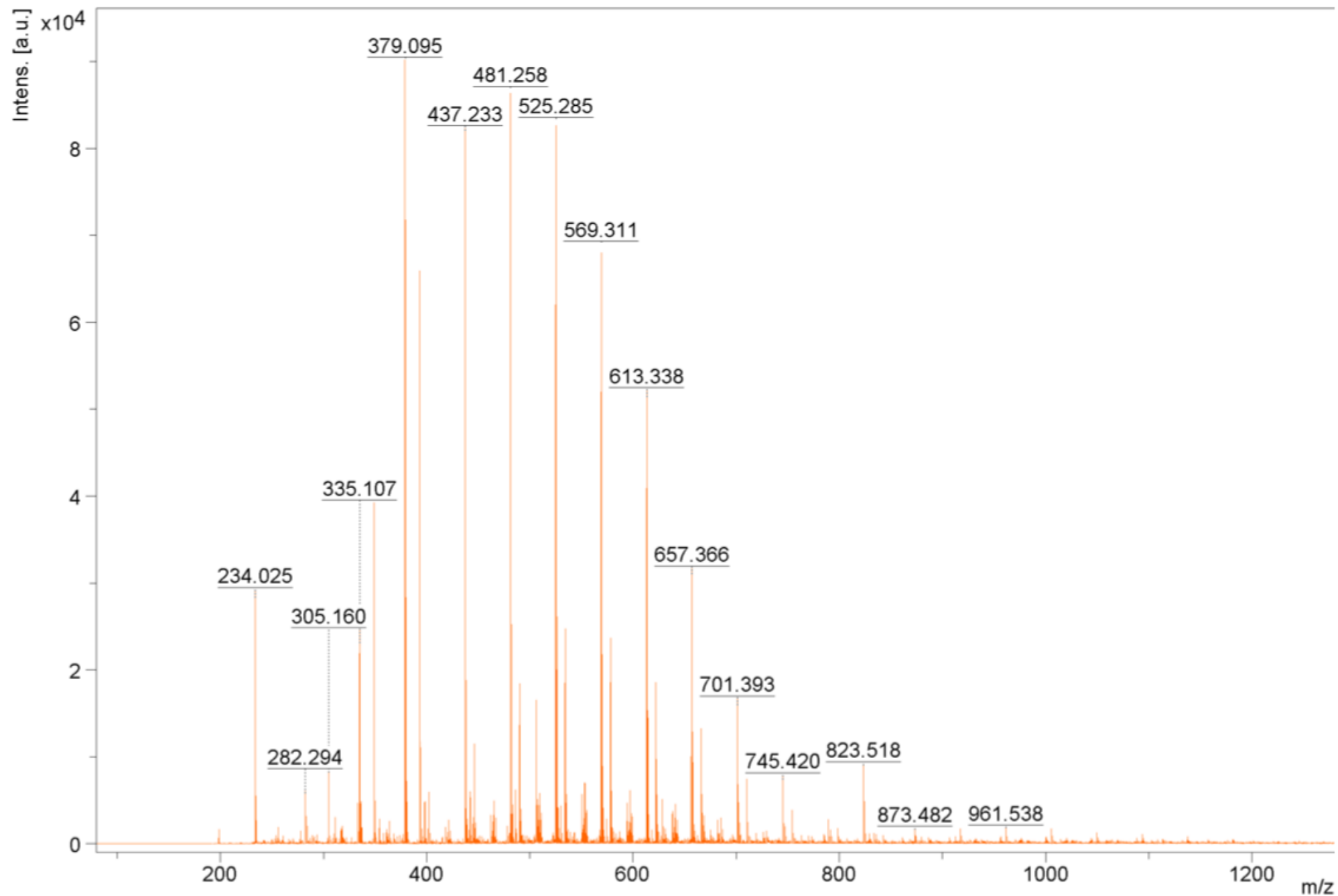


Figure S10. MALDI-TOF-MS spectrum of PEG400-N₃ with TFA matrix and Na⁺ ionization agent

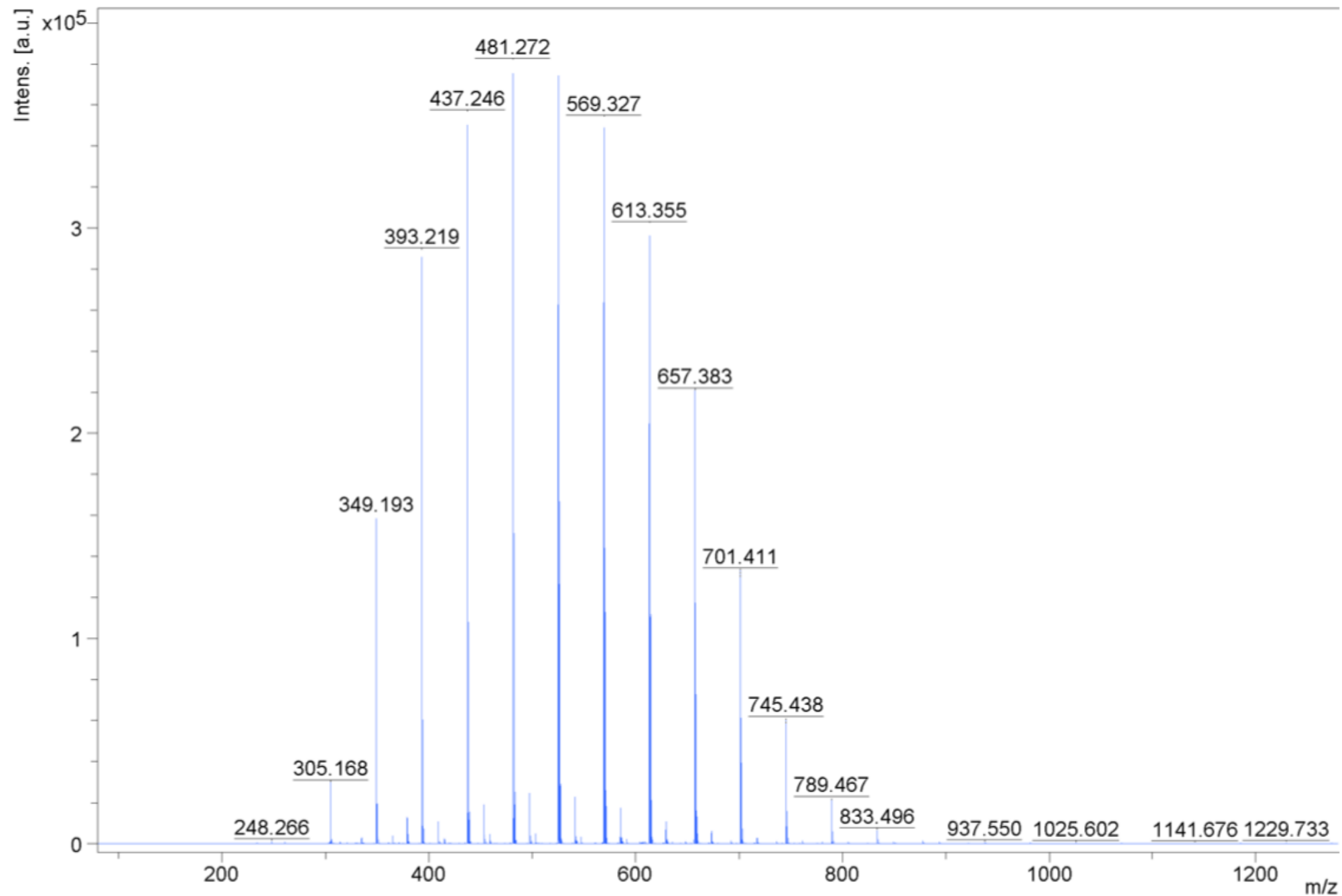


Figure S11. MALDI-TOF-MS spectrum of PEG400-Pro with TFA matrix and Na^+ ionization agent

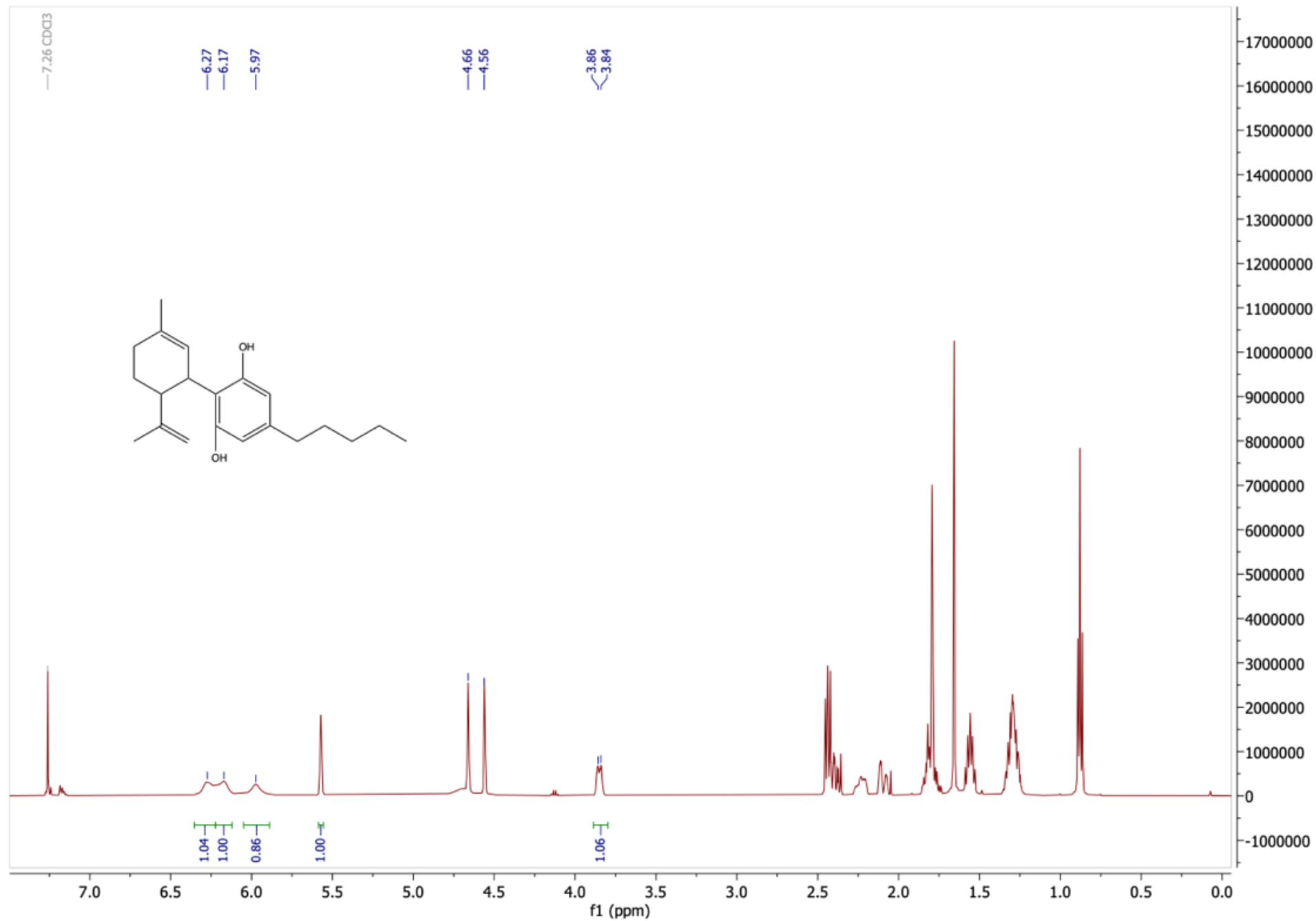


Figure S12. ^1H -NMR spectrum (500 MHz, CDCl_3) of CBD

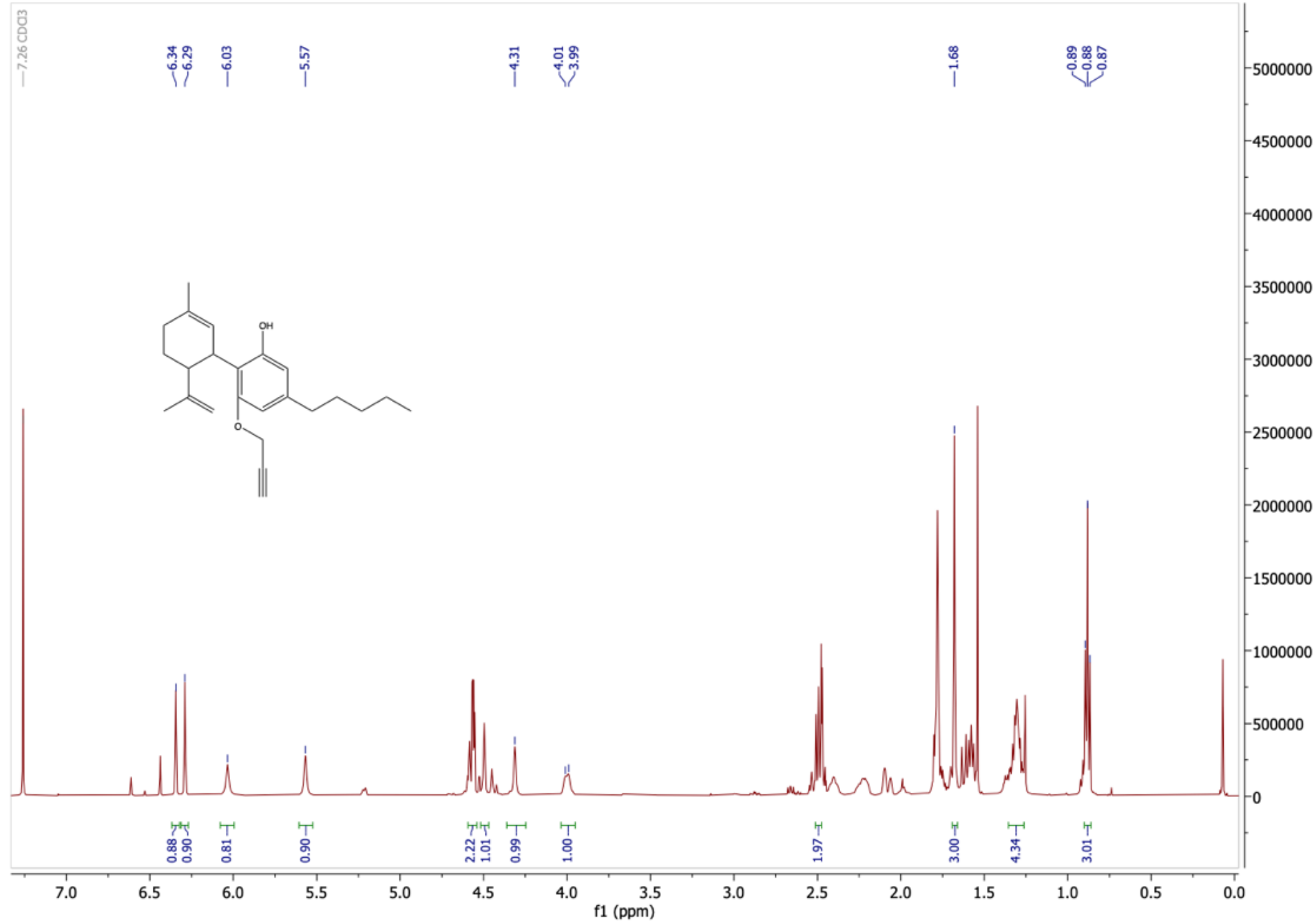


Figure S13. ¹H-NMR spectrum (500 MHz, CDCl₃) of CBD-Pro-1

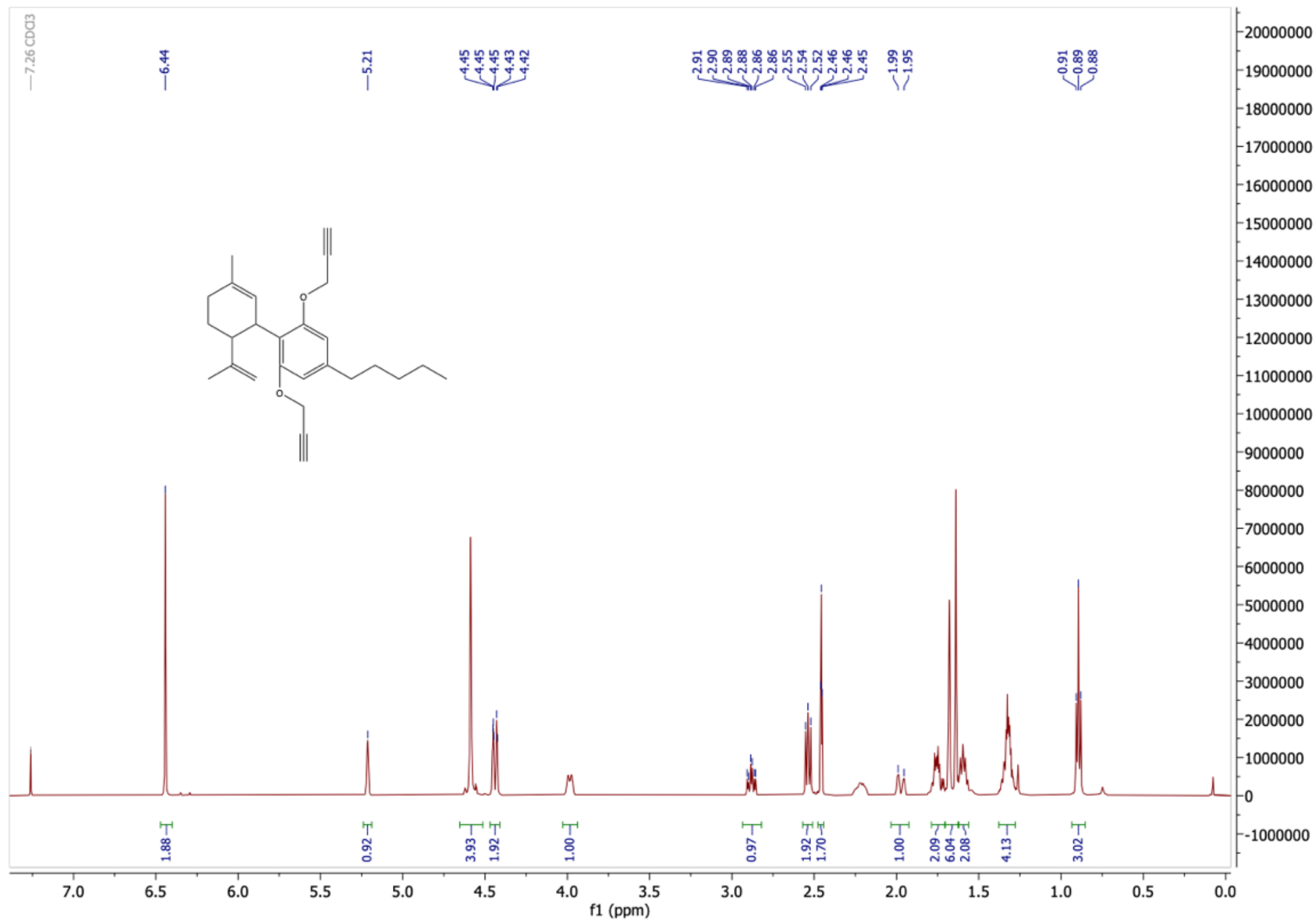


Figure S14. ^1H -NMR spectrum (500 MHz, CDCl_3) of CBD-Pro-2

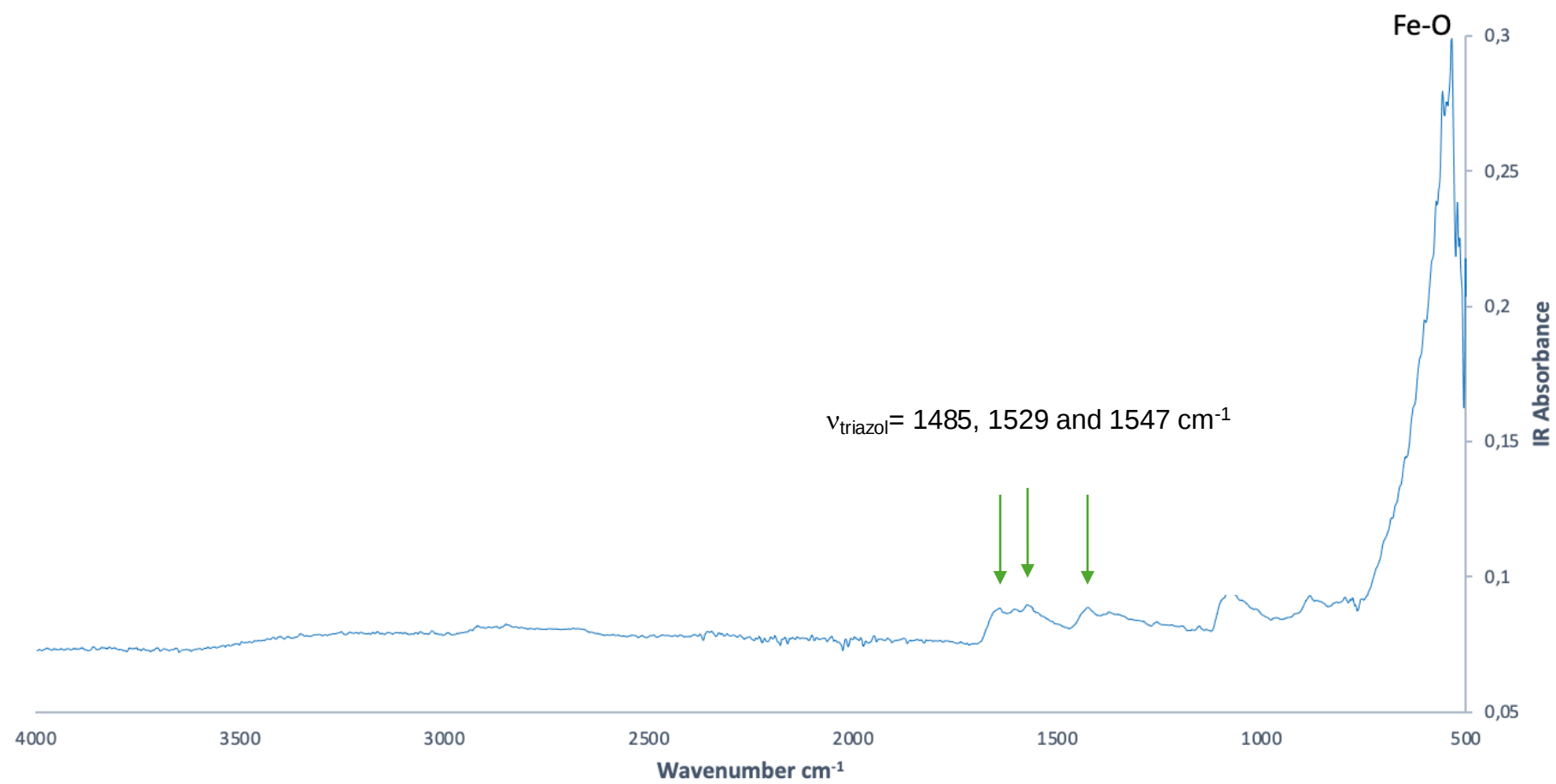


Figure S15. FT-IR spectrum of @Fe₃O₄-PEG400-CBD