

Supporting information

Folate-Conjugated Platinum Porphyrin Complex as a New Cancer-Targeting Photosensitizer for Photodynamic Therapy

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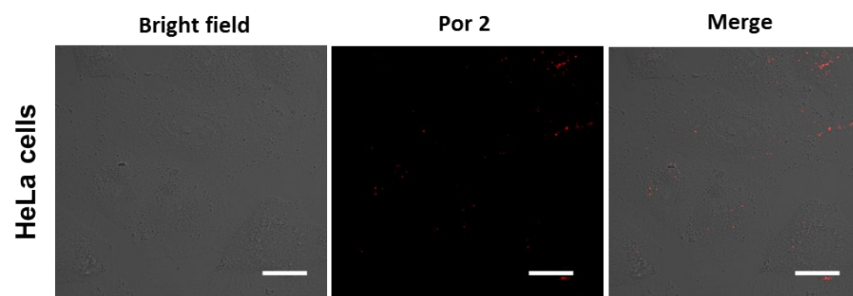


Figure S1. Laser scanning confocal microscopy images (excited at 488 nm laser) of HeLa cells incubated with Por 2 at a concentration of 2.0 μ M in the cell culture medium at 37 °C for 4 h. (The scale bar is 20 μ m)

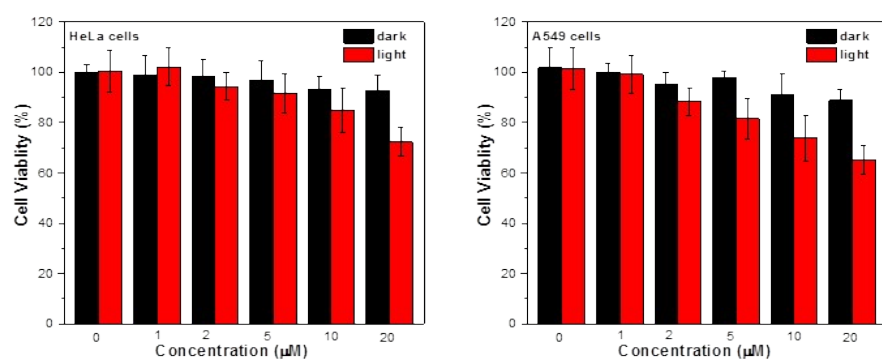


Figure S2. HeLa (a), and A549 (b) cells viability at different concentrations (0, 1, 2, 5, 10, and 20 μM) of Por 2 for 4 h at 37 °C without or with irradiation for 30 min.

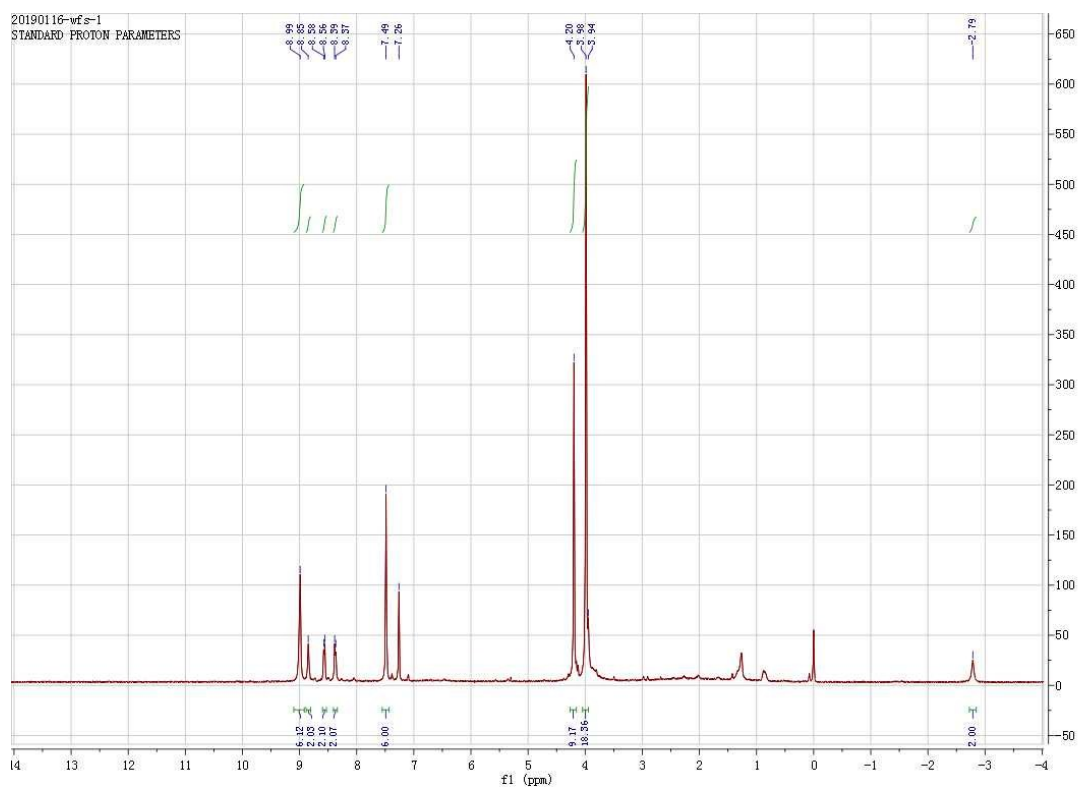


Figure S3. ¹H NMR spectrum of Por 1

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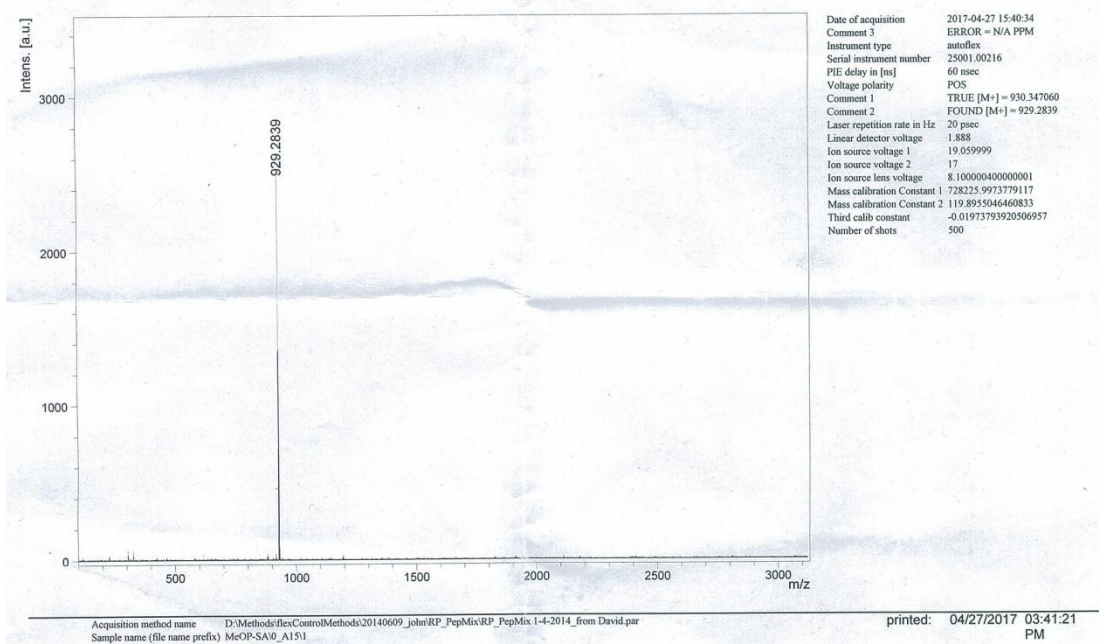


Figure S4. The Maldi-TOF MS spectrum of Por 1

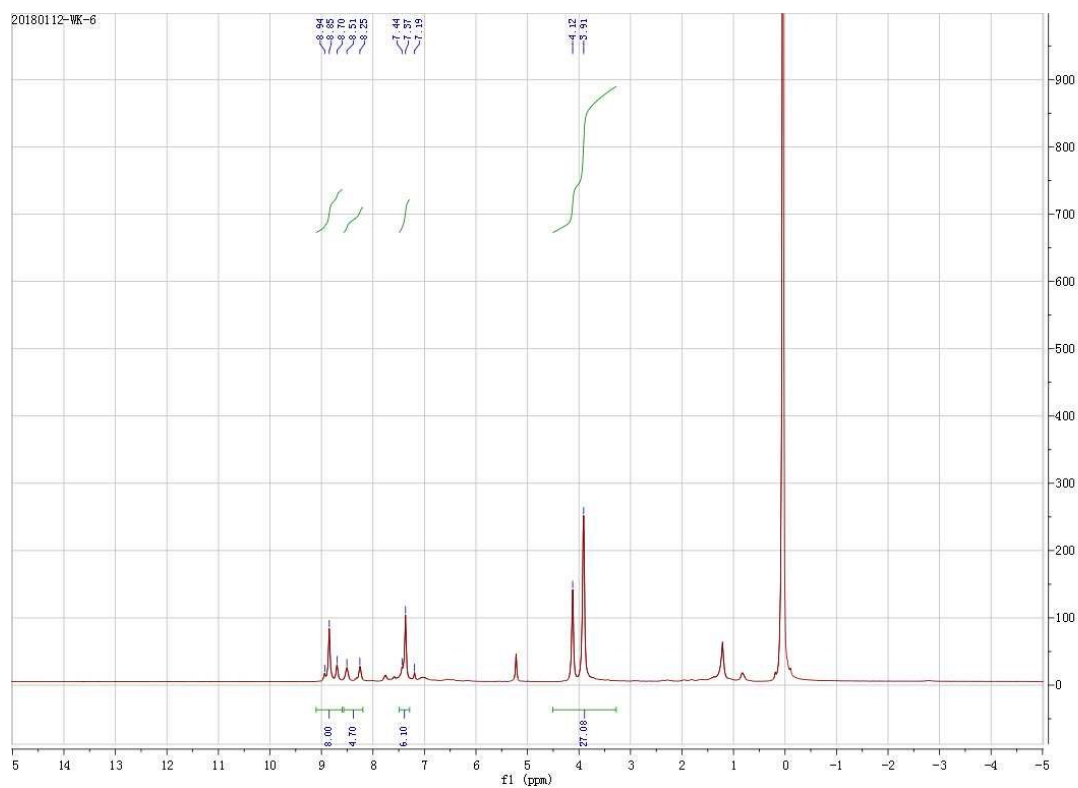


Figure S5. ^1H NMR spectrum of Por 2

0504-wfs-4_170503155012 #289 RT: 2.86 AV: 1 NL: 2.82E3
T: ITMS + c ESI Full ms [50.00-2000.00]

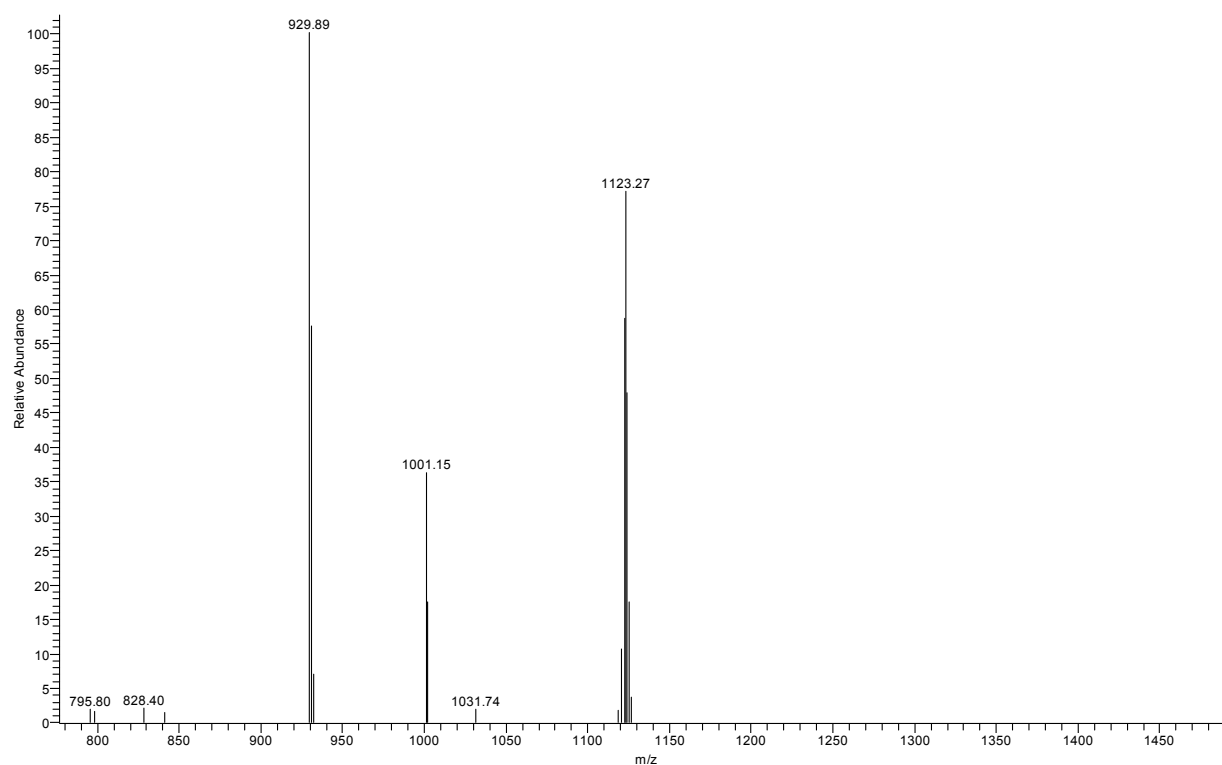


Figure S6. The ESI MS spectrum of Por 2

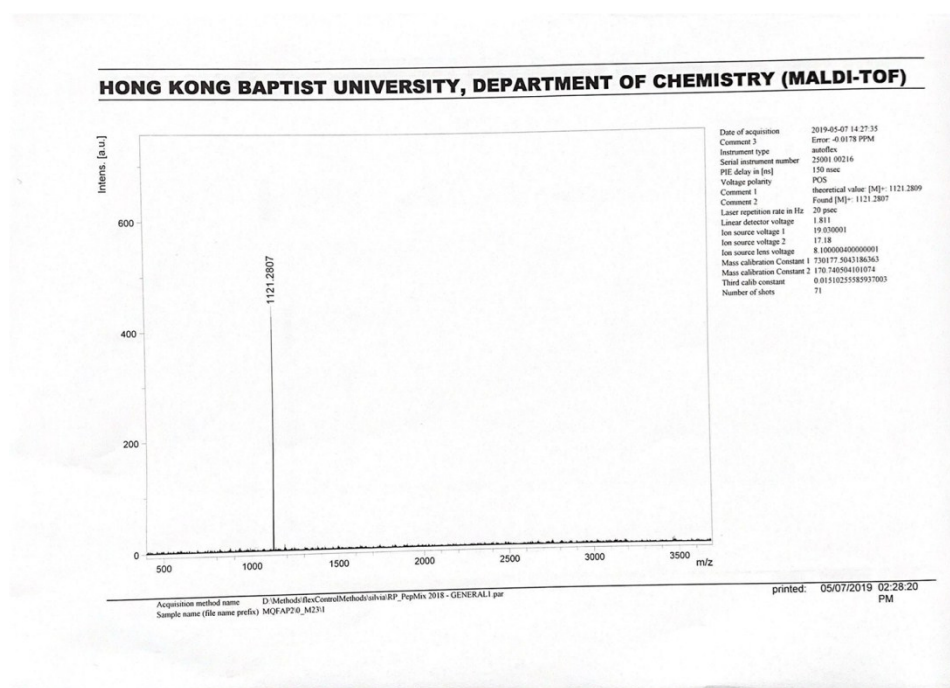


Figure S7. The Maldi-TOF MS spectrum of Por 2

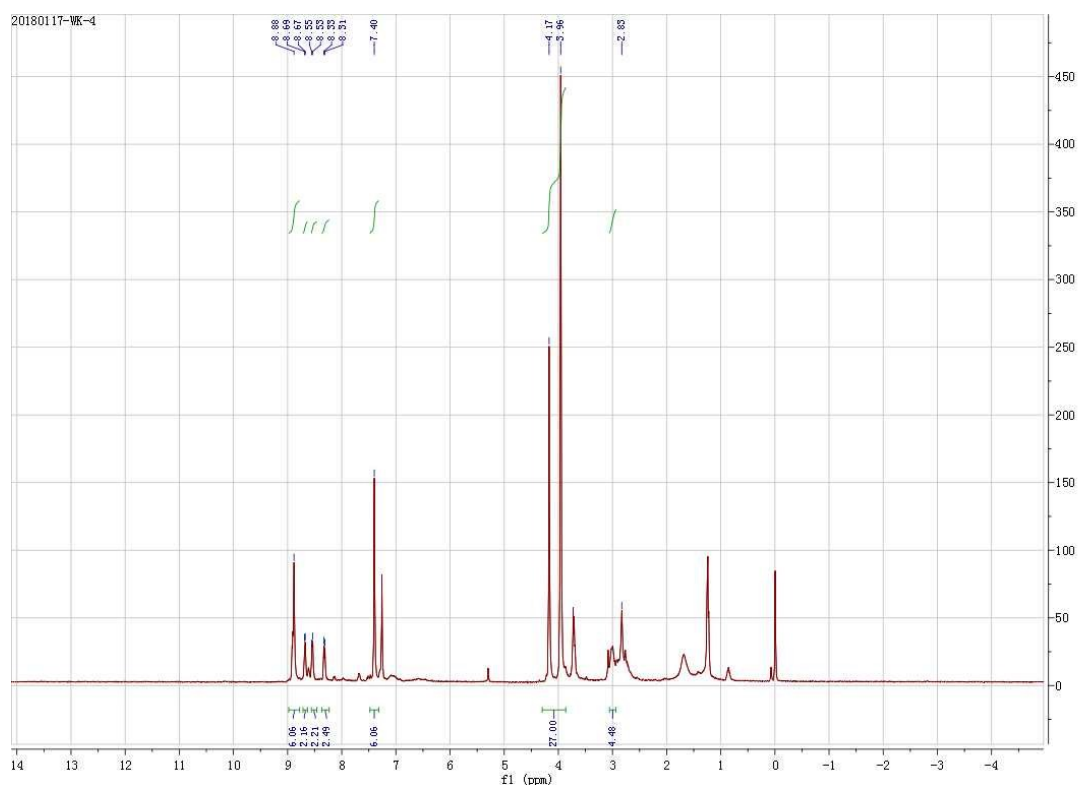


Figure S8. ¹H NMR spectrum of Por 3

0118-wk-1_180118133830 #153-194 RT: 2.48-3.15 AV: 42 SB: 24 0.38-0.75 NL: 1.09E2
T: ITMS + c ESI Full ms [50.00-2000.00]

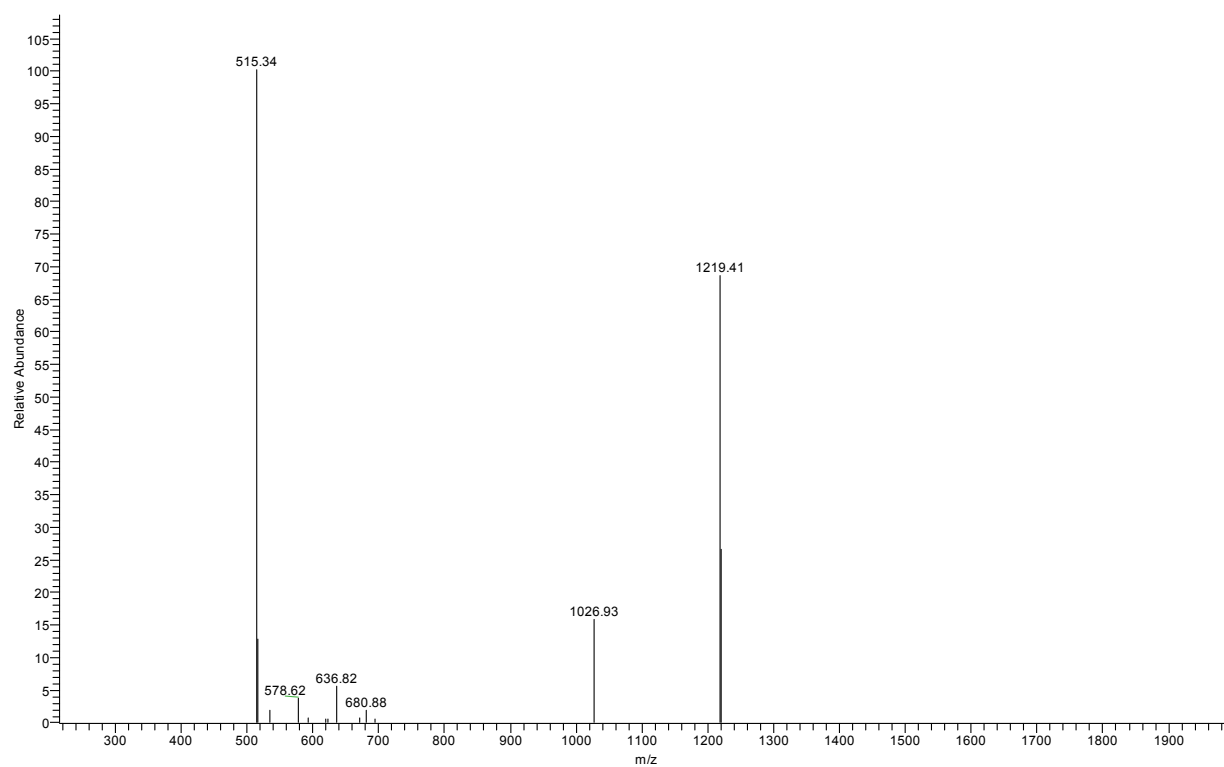


Figure S9. The ESI MS spectrum of Por 3

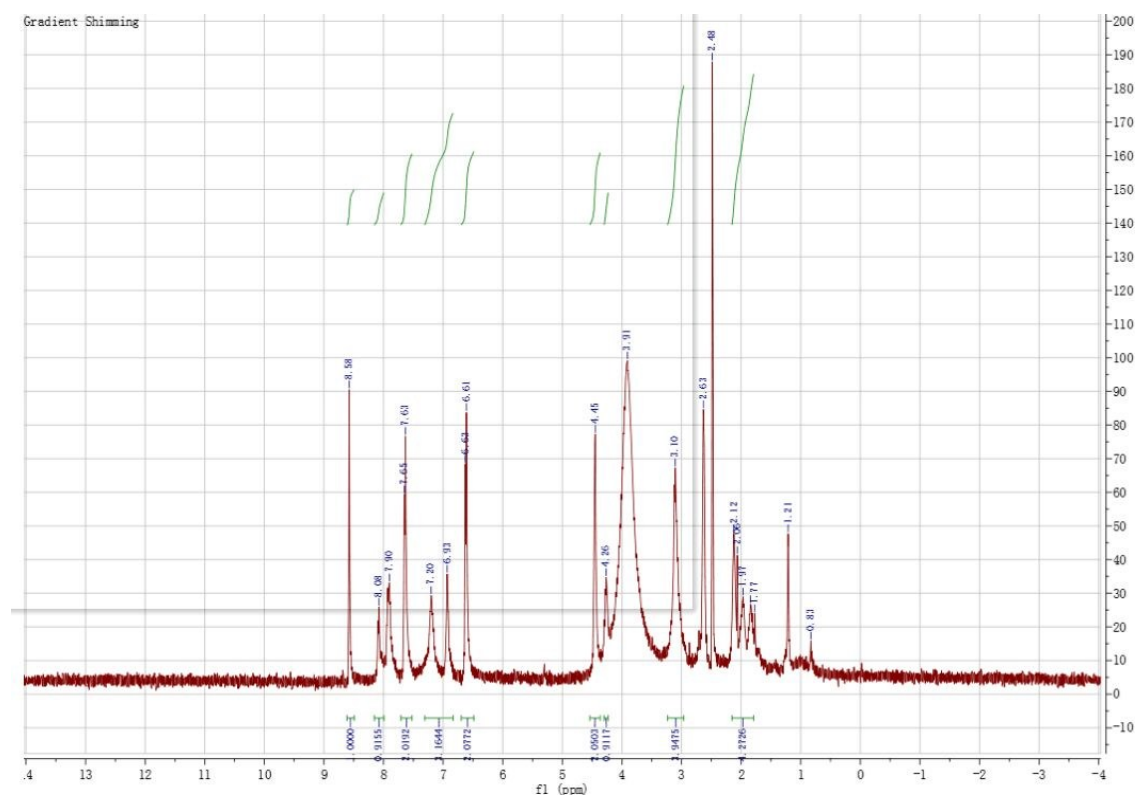


Figure S10. ^1H NMR spectrum of FA 3

0321-WK-1_170321132508 #75 RT: 0.73 AV: 1 SB: 186 0.10-0.72, 5.24-6.44 NL: 4.80E3
T: ITMS + c ESI Full ms [50.00-2000.00]

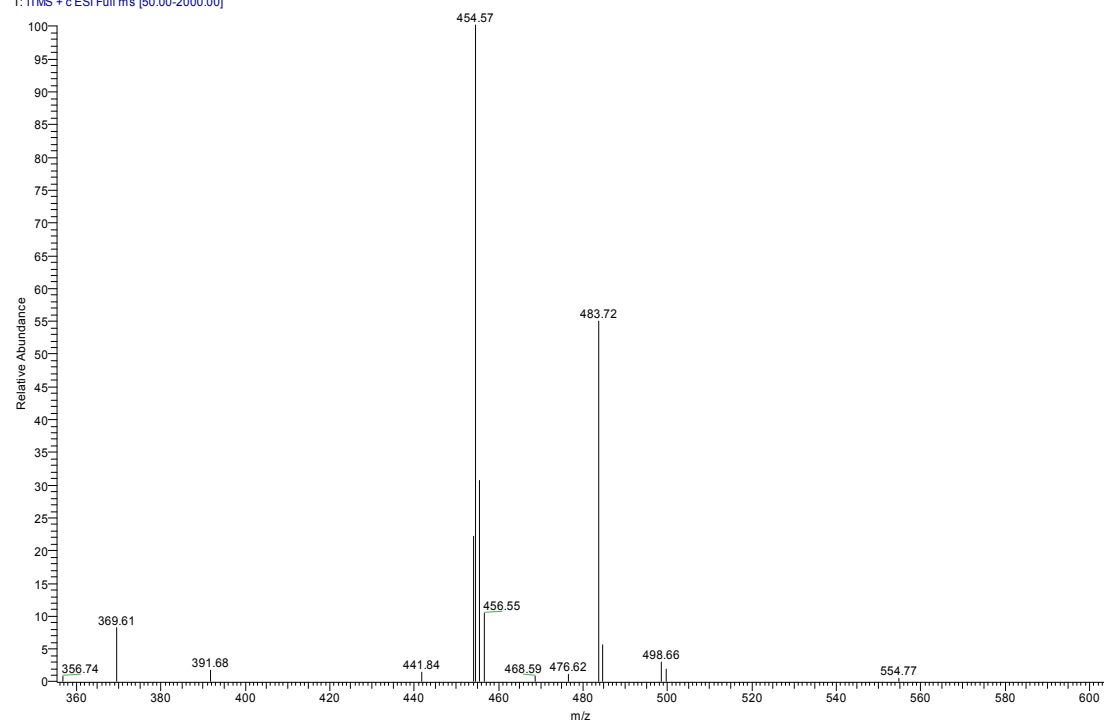


Figure S11. The ESI MS spectrum of FA 3

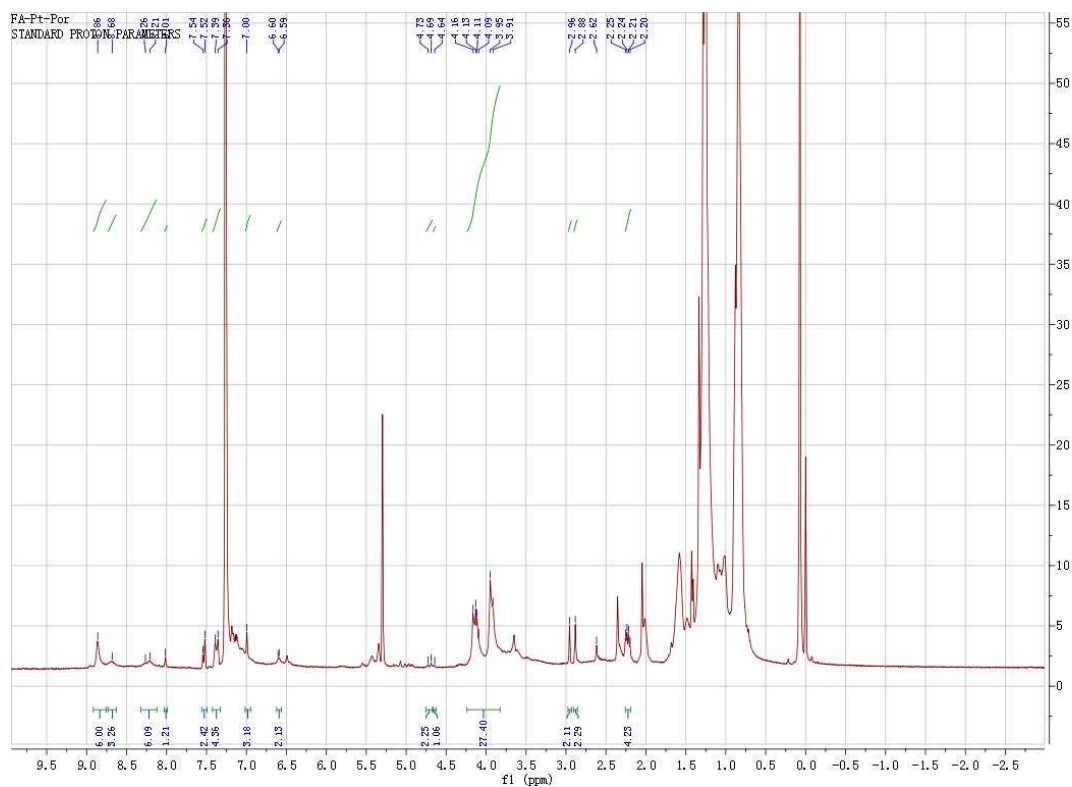


Figure S12. ^1H NMR spectrum of Por 4

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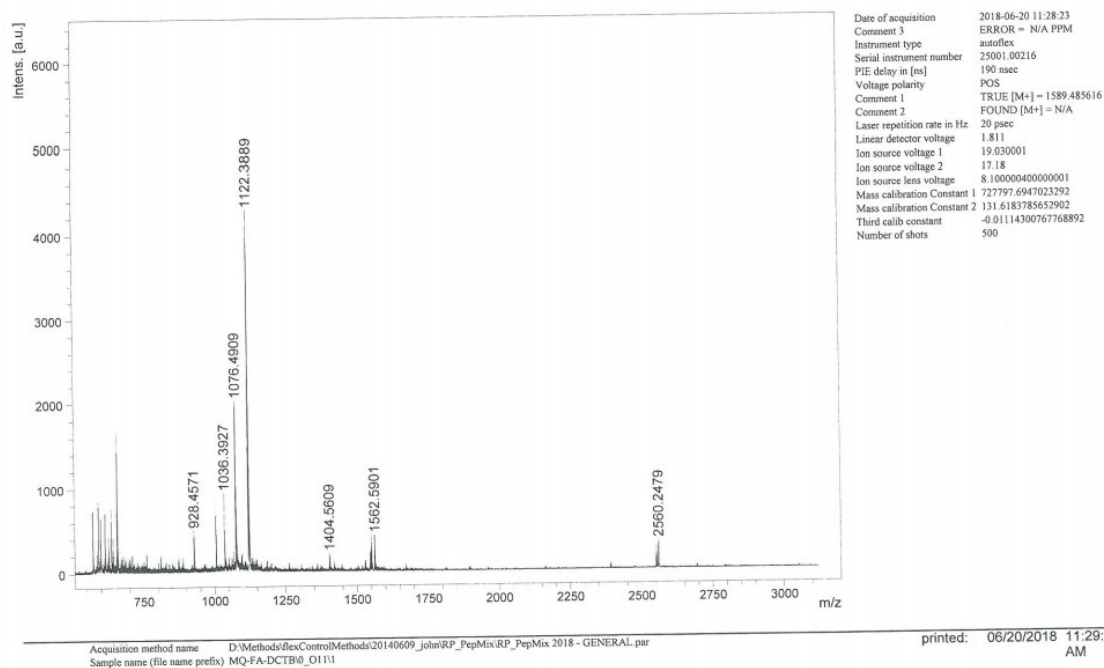


Figure S13. The Maldi-TOF MS spectrum of Por 4