

## SUPPLEMENTARY DATA

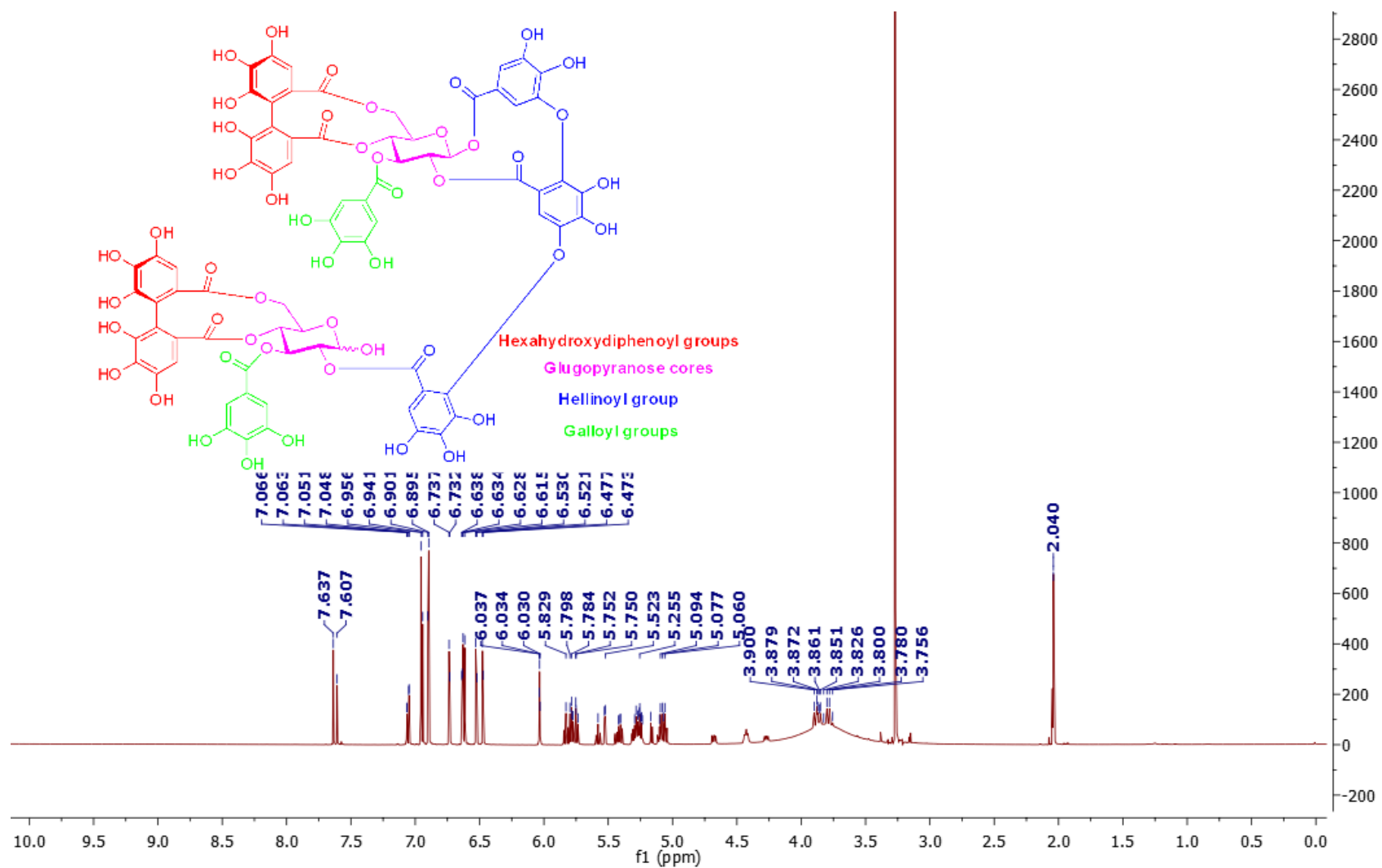
### Design, Characterization, and Antimicrobial Evaluation of Copper Nanoparticles Utilizing Tamarixinin A Ellagitannin from Galls of *Tamarix aphylla*

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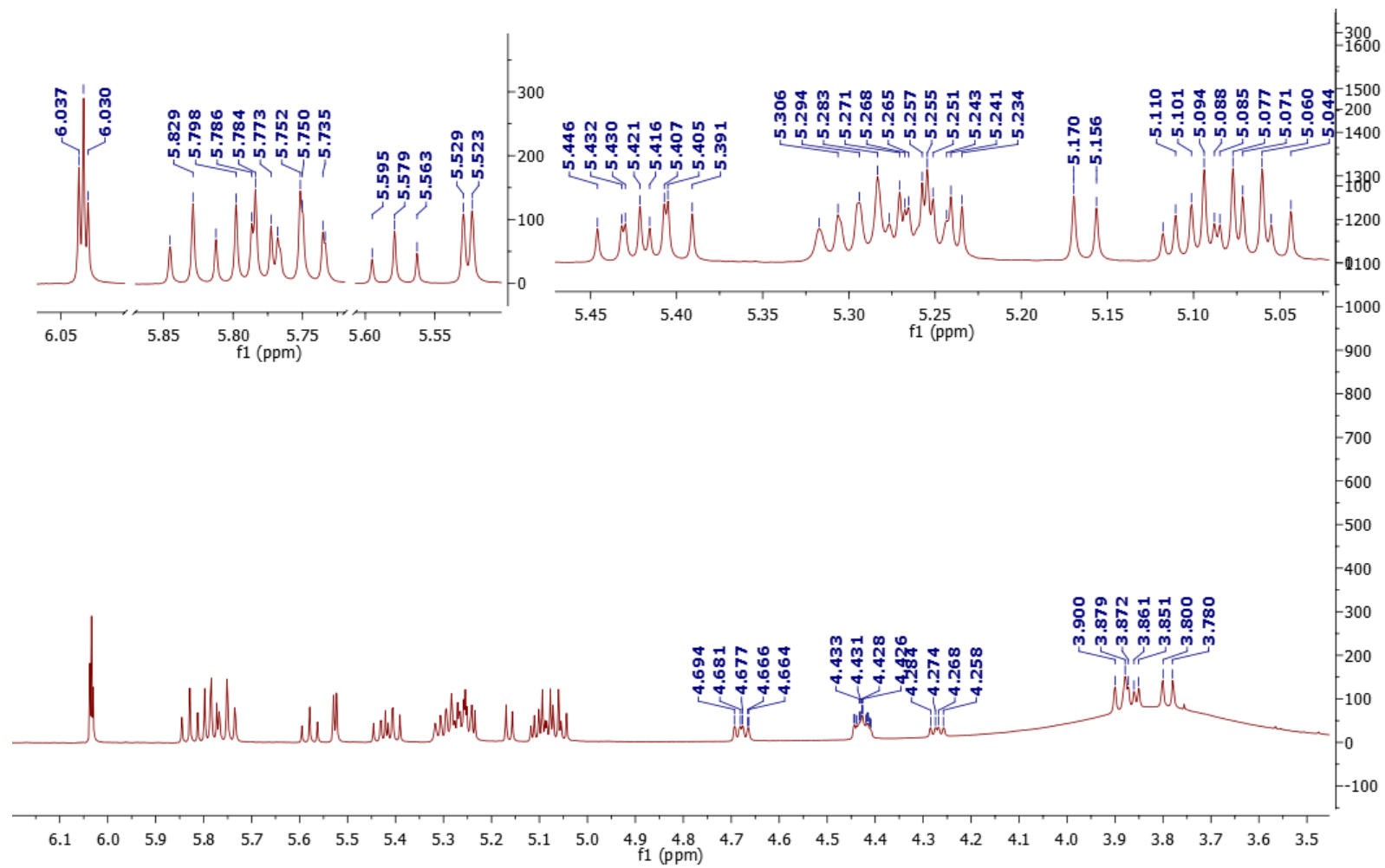
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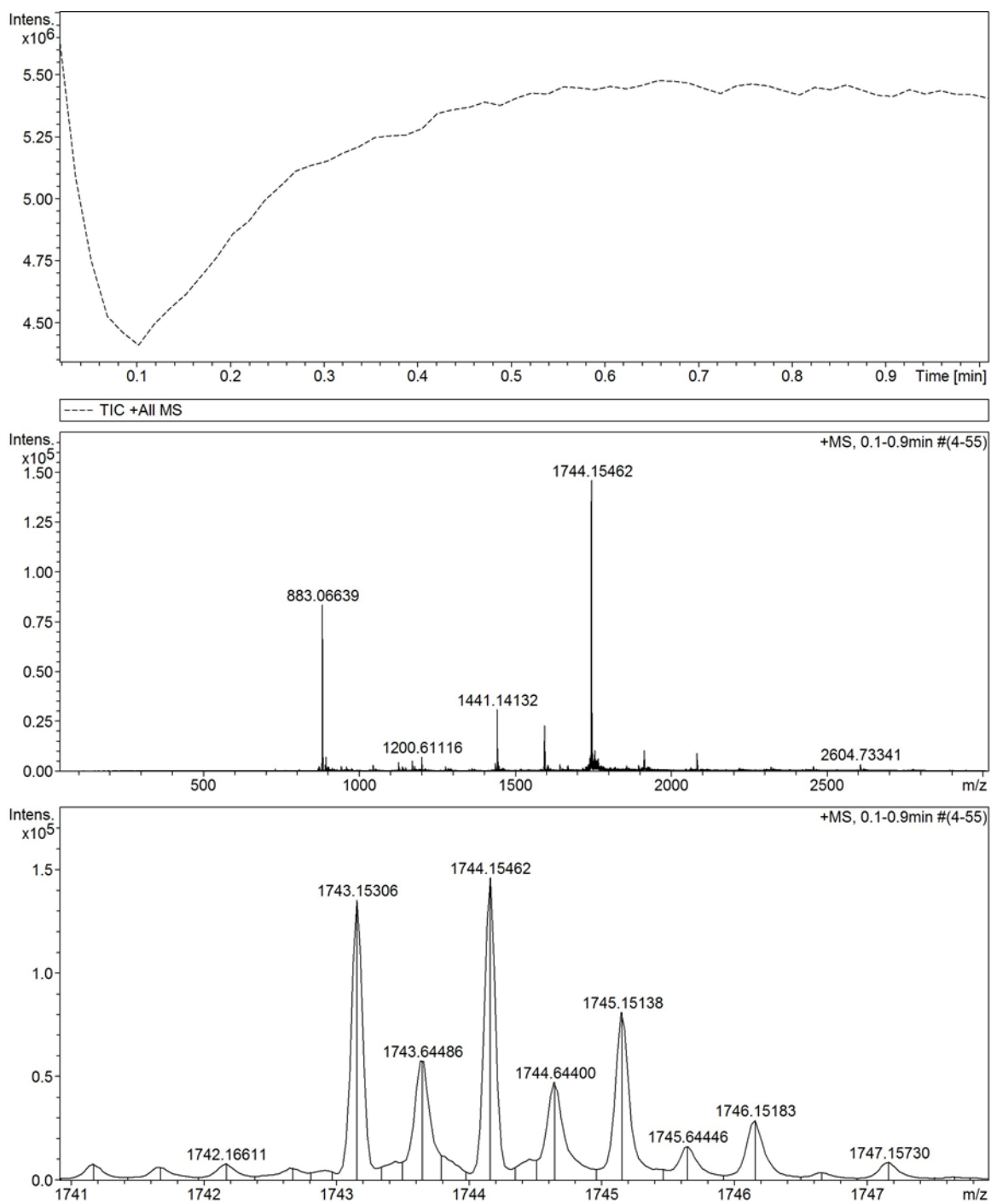
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<b>Figure S1.</b> $^1\text{H}$ NMR spectrum of tamarixinin A [ $600 \times 10^3$ KHz, (acetone- $d_6$ + $\text{D}_2\text{O}$ , 9:1), $27^\circ\text{C}$ ].	S3
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**Figure S1.**  $^1\text{H}$  NMR spectrum of tamarixinin A [ $600 \times 10^3$  KHz, (acetone- $d_6$  +  $\text{D}_2\text{O}$ , 9:1), 27 °C].



**Figure S2.** Expanded  $^1\text{H}$  NMR spectrum of tamarixinin A [ $600 \times 10^3$  KHz, (acetone- $d_6$  +  $\text{D}_2\text{O}$ , 9:1), 27 °C].



**Figure S3.** HRESIMS of tamarixinin A.