

## Supporting Information

### Substitution of percutaneous ethanol injection with a low molecular weight peptide gel mimicking chemoembolization for cancer therapy

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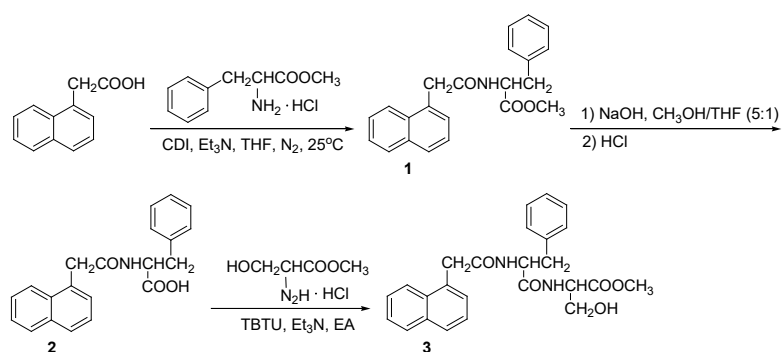
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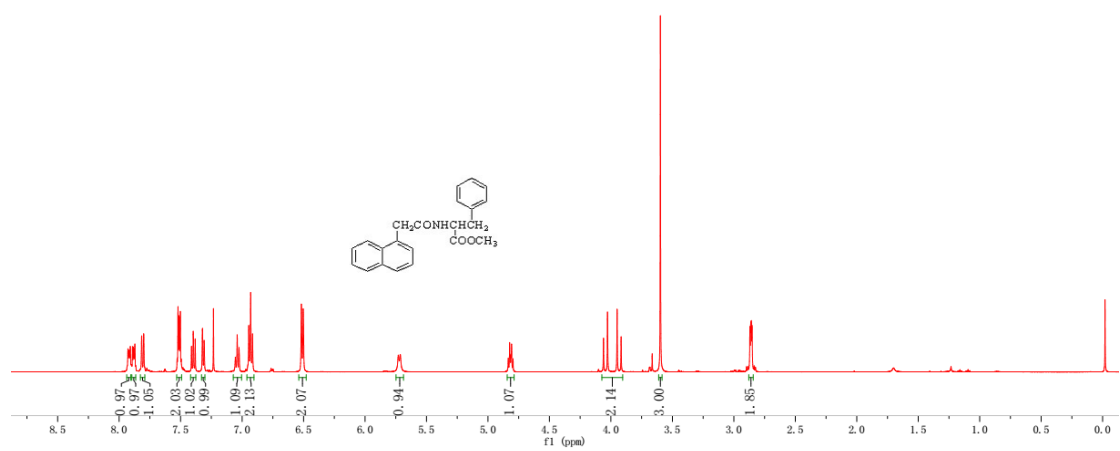
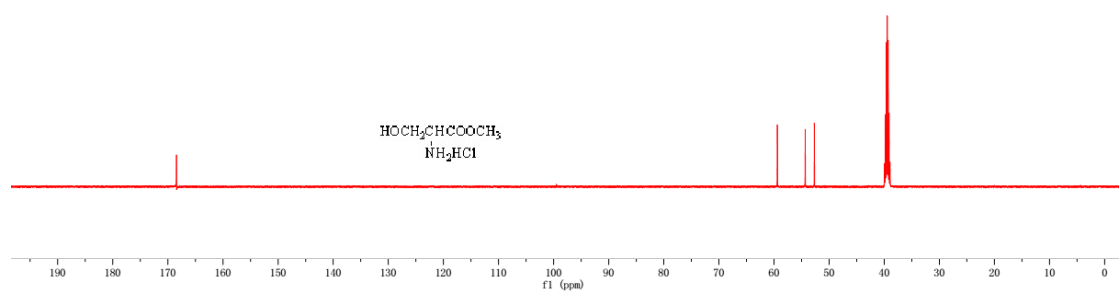
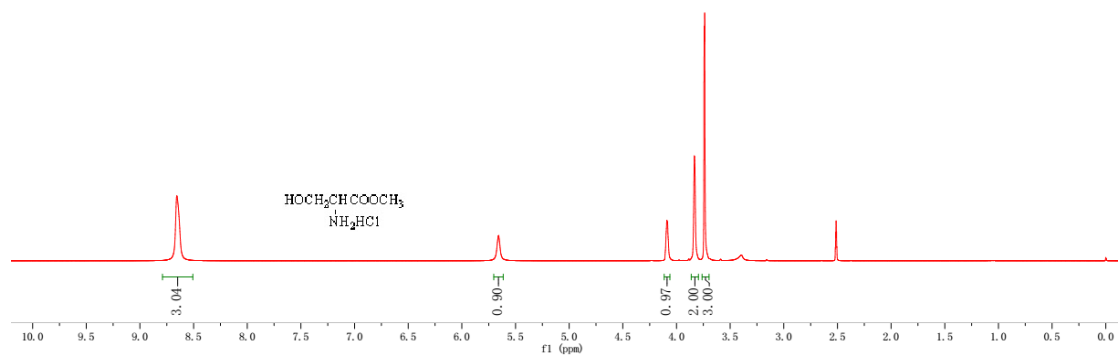
§These authors contributed equally in this work

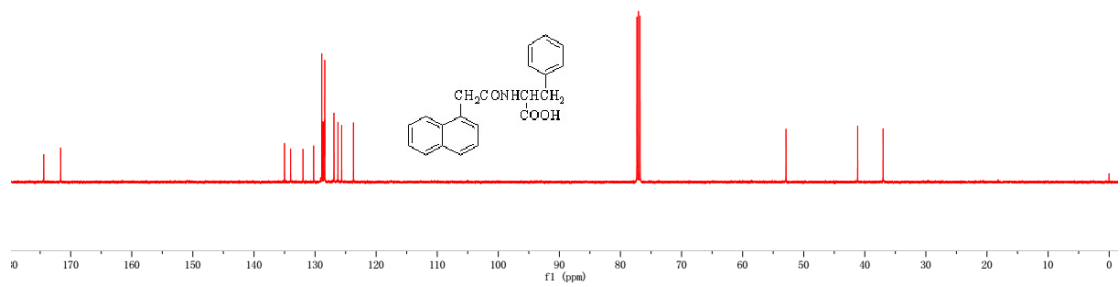
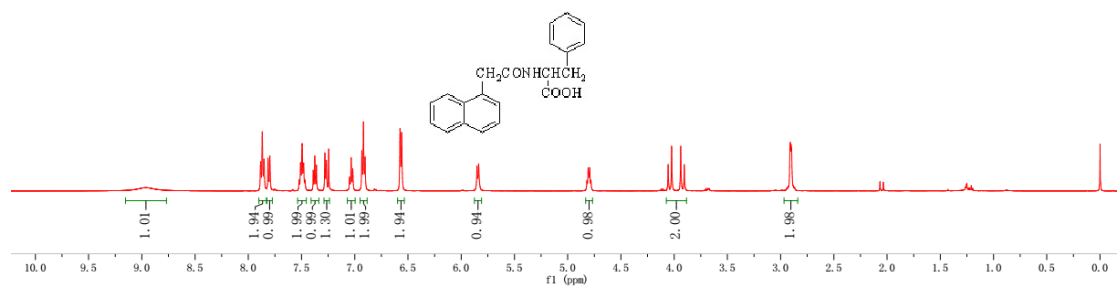
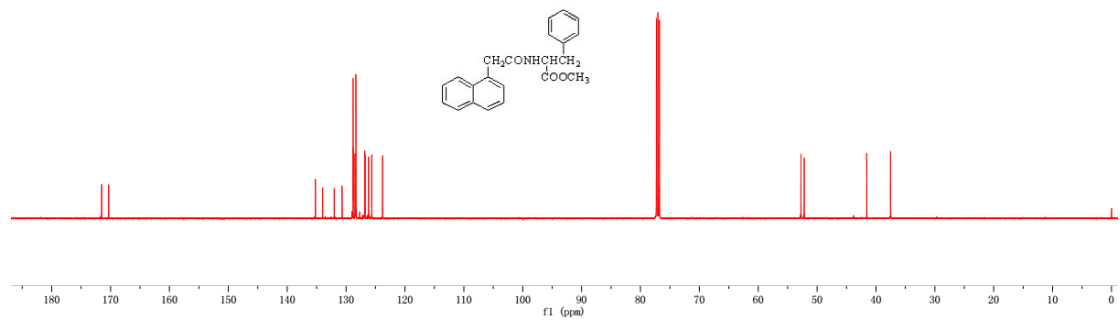
\*To whom correspondence should be addressed, E-mail: [wenxiag@wzu.edu.cn](mailto:wenxiag@wzu.edu.cn) (W. Gao);

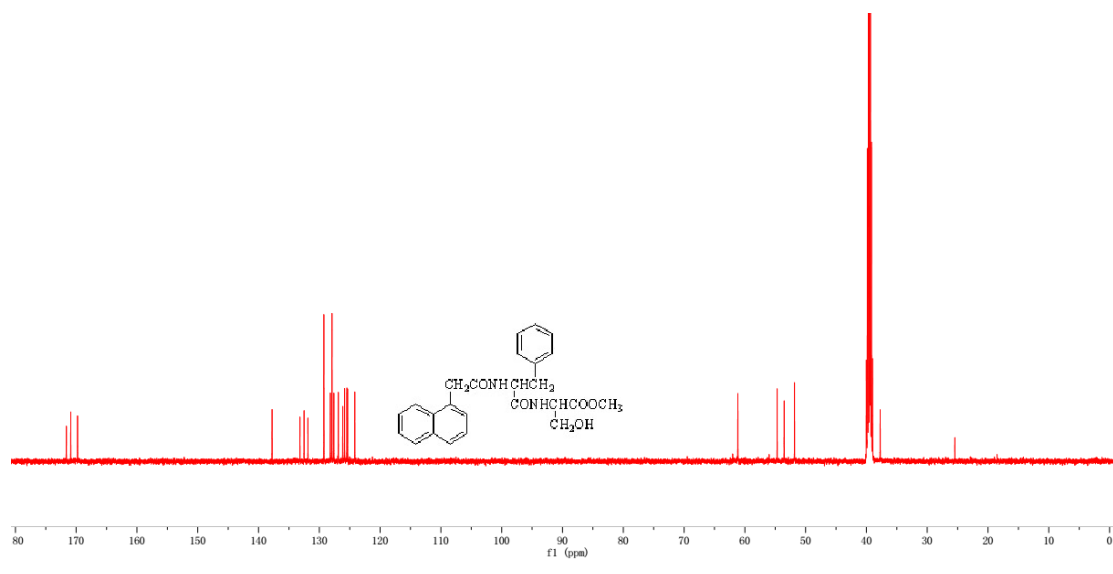
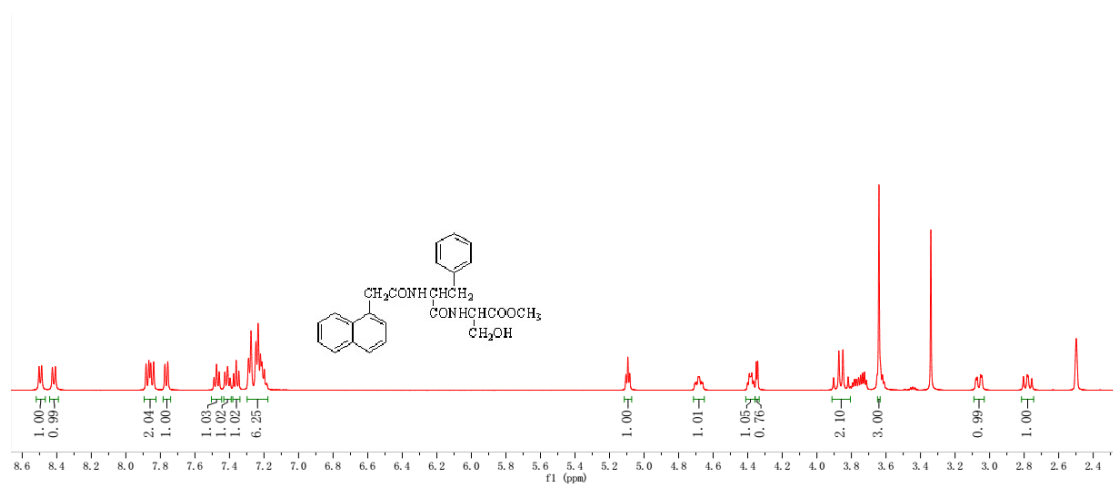
[bhe@scu.edu.cn](mailto:bhe@scu.edu.cn) (B. He)



<sup>1</sup>HNMR and HRMS spectra of the synthesized compounds







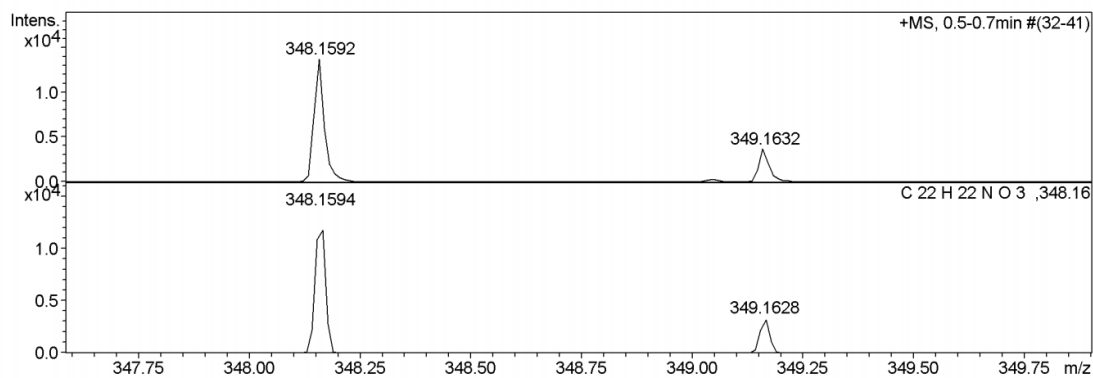
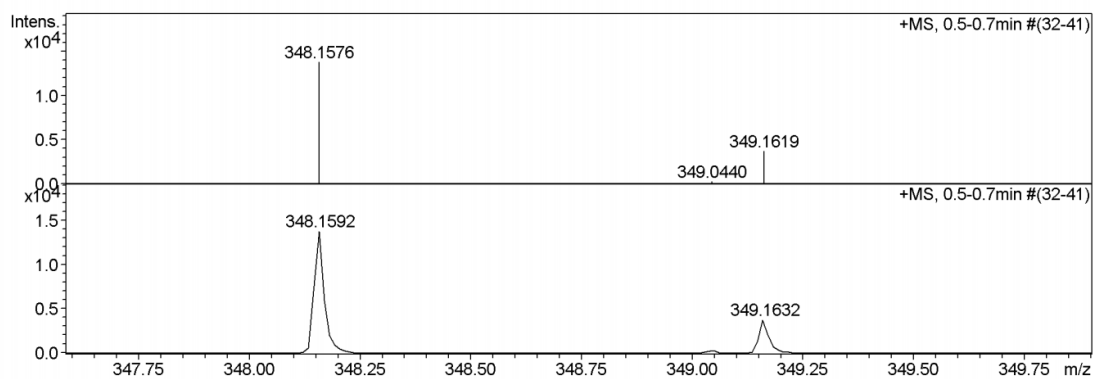
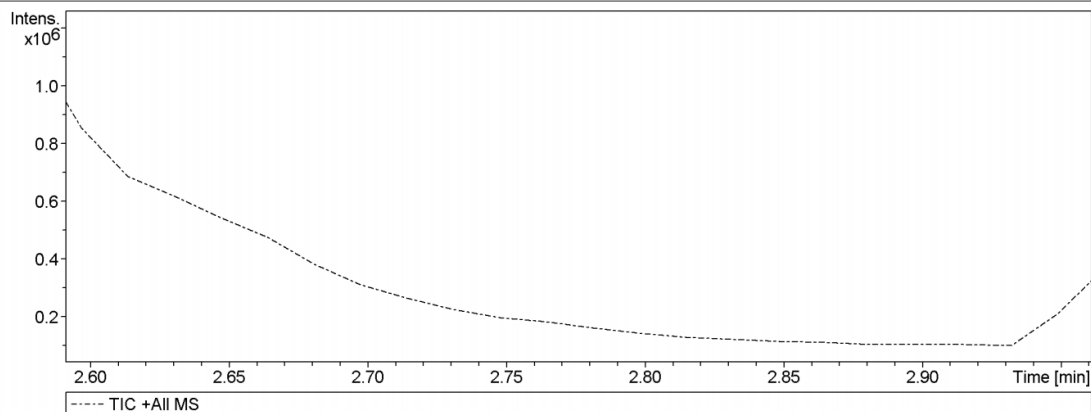
# Generic Display Report

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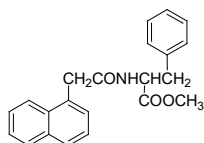
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Instrument micrOTOF-Q II



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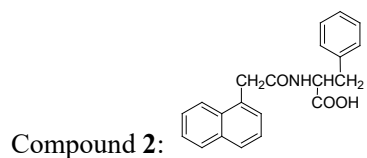
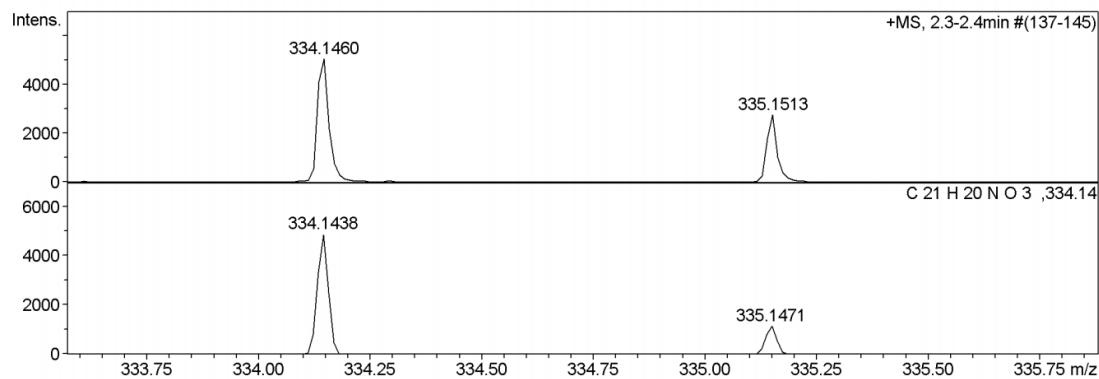
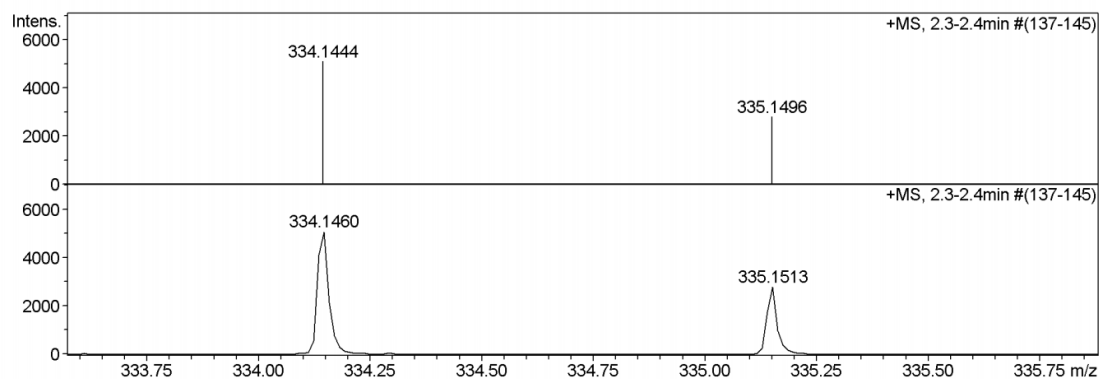
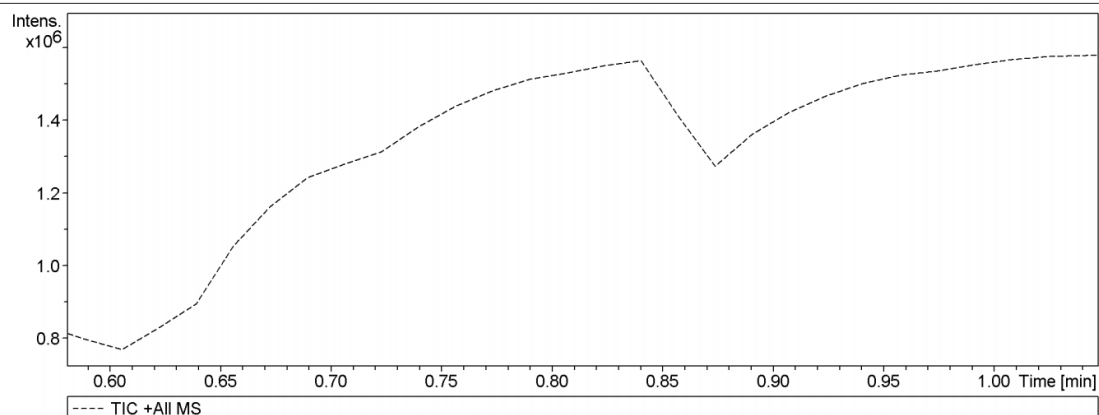
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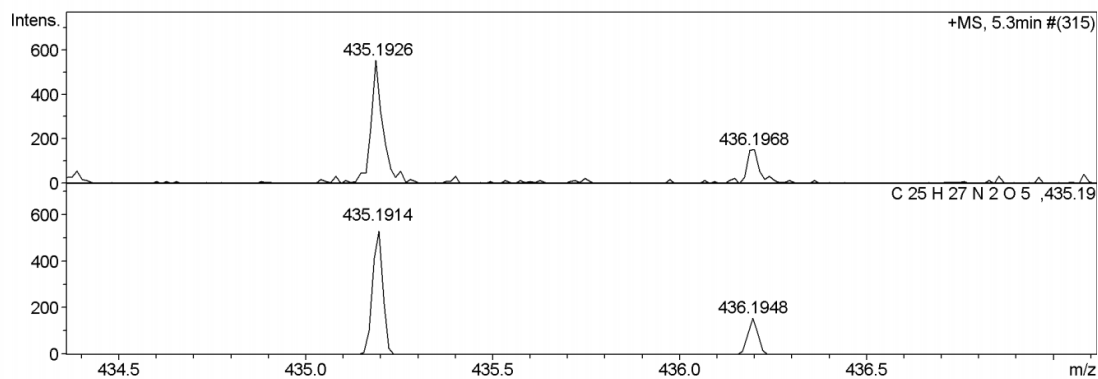
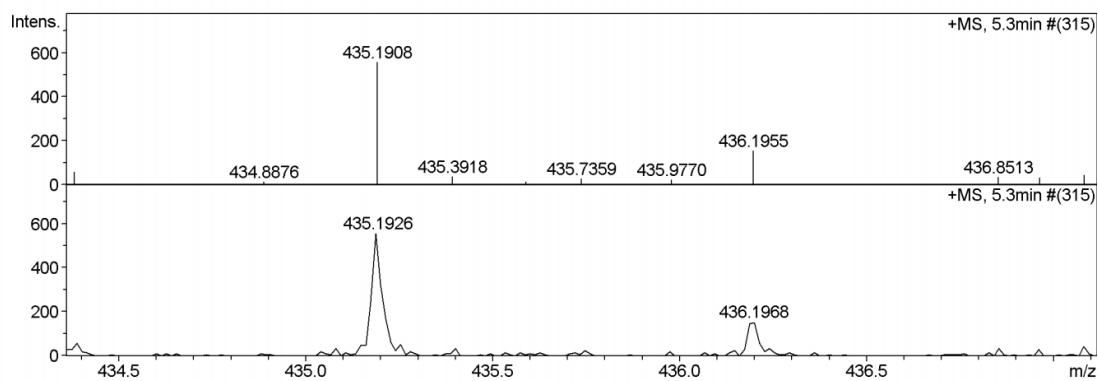
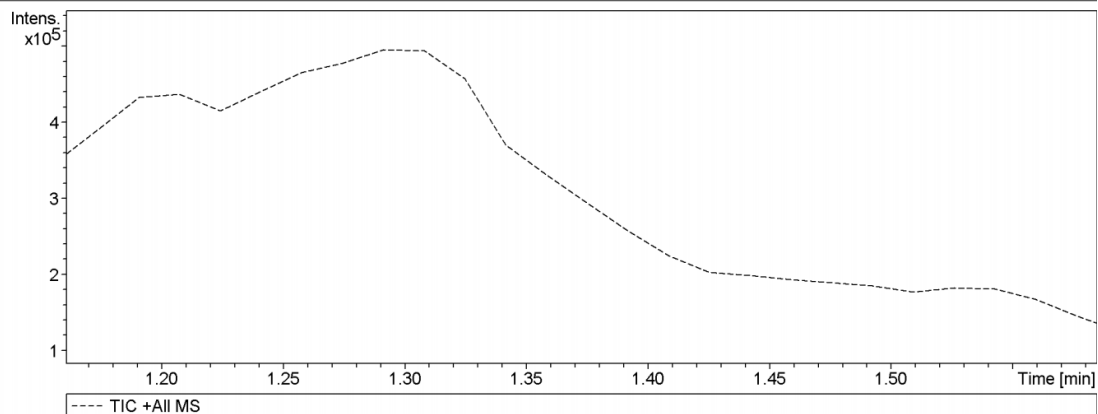
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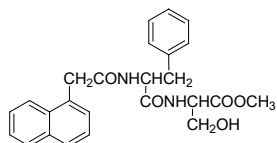
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Operator BDAL@DE  
Instrument micrOTOF-Q II



Compound 3:



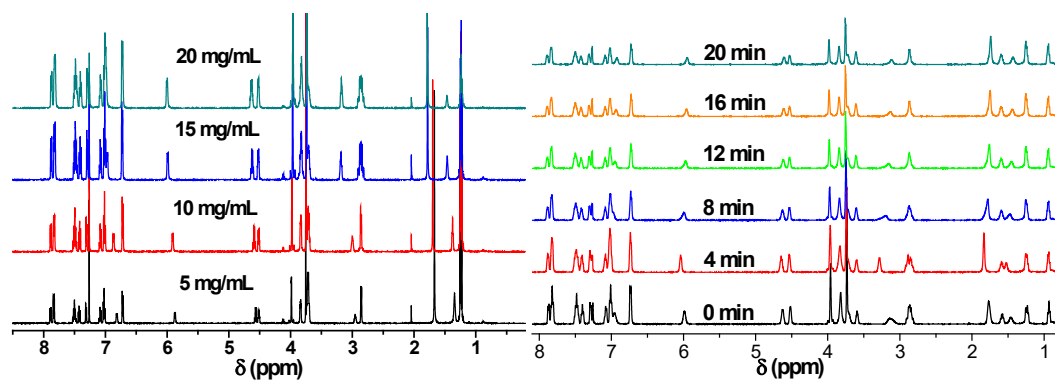


Figure S2. The  $^1\text{H}$  NMR spectra of the sol-gel transition with different concentrations (A) and gelation time (B).

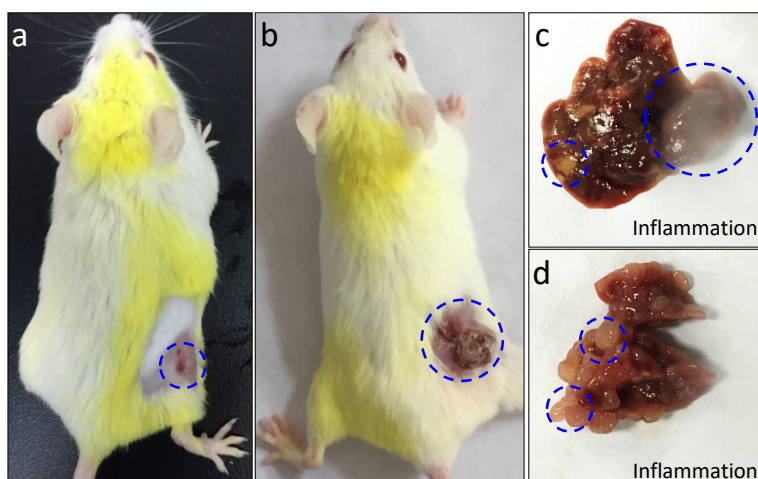


Figure S3. Photos of tumor-bearing BALB/c male mice treated with DOX-loaded gel (a) and saline (b) at 21 day, the inflammation in liver (c) and spleen (d) in tumor-bearing BALB/c male mice treated with saline at 21 day.