

Supporting Information

In Situ Conversion of Rose Bengal Microbubbles into Nanoparticles for Ultrasound Imaging Guided Sonodynamic Therapy with Enhanced Antitumor Efficacy

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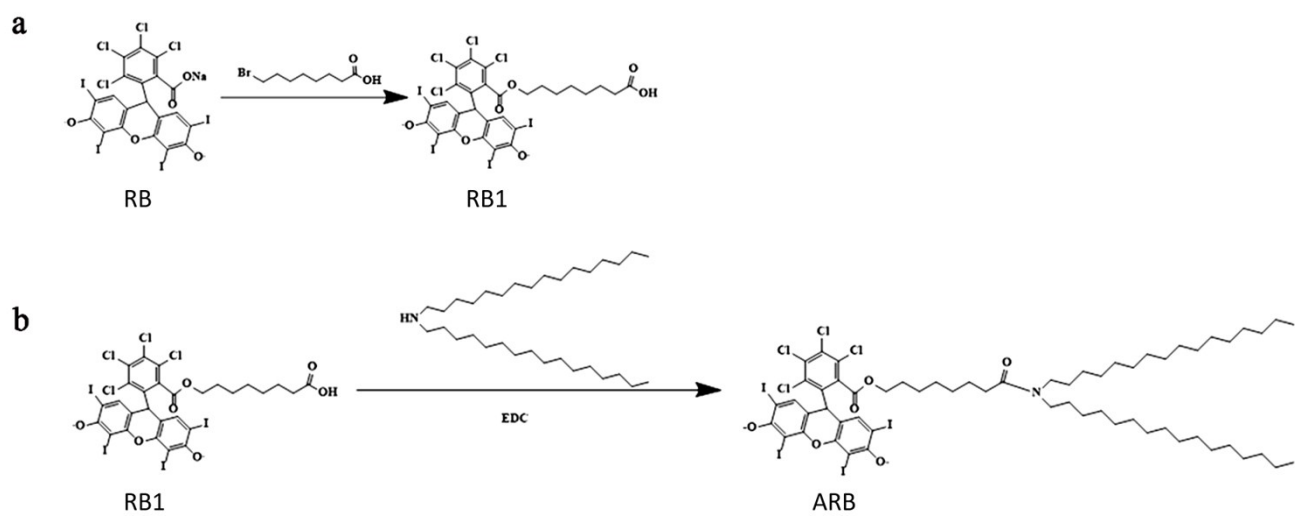
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Scheme S1. Synthesis route of (a) RB1 and (b) ARB.

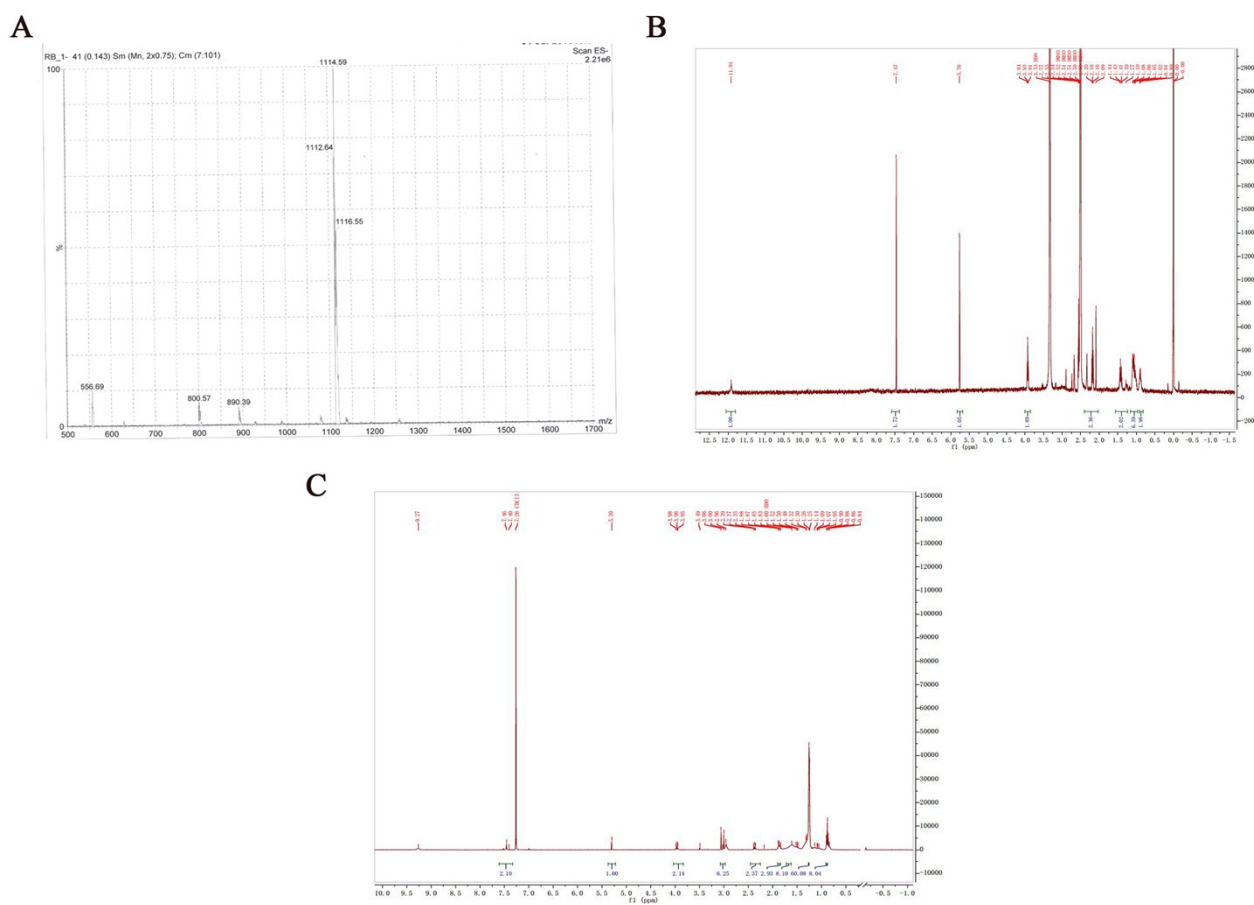


Figure S1. MS and ^1H NMR results of RB1 and ARB (A: MS result of RB1, B: ^1H NMR result of RB1, C: ^1H NMR result of ARB).

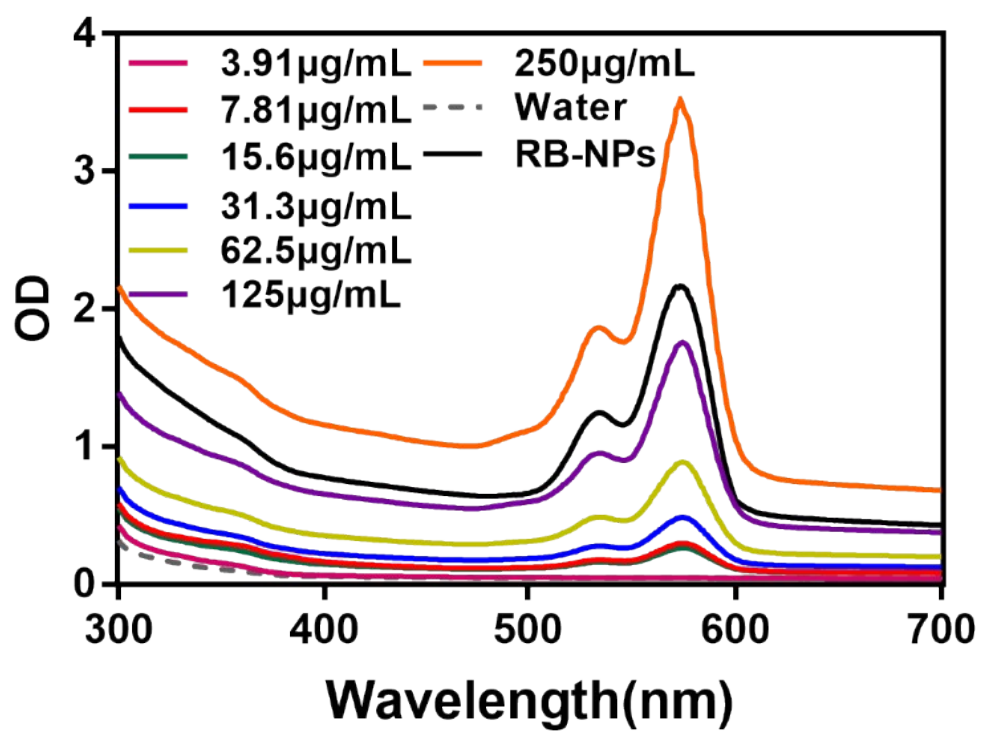


Figure S2. The absorbance measurements of different concentrations of ARB solution.

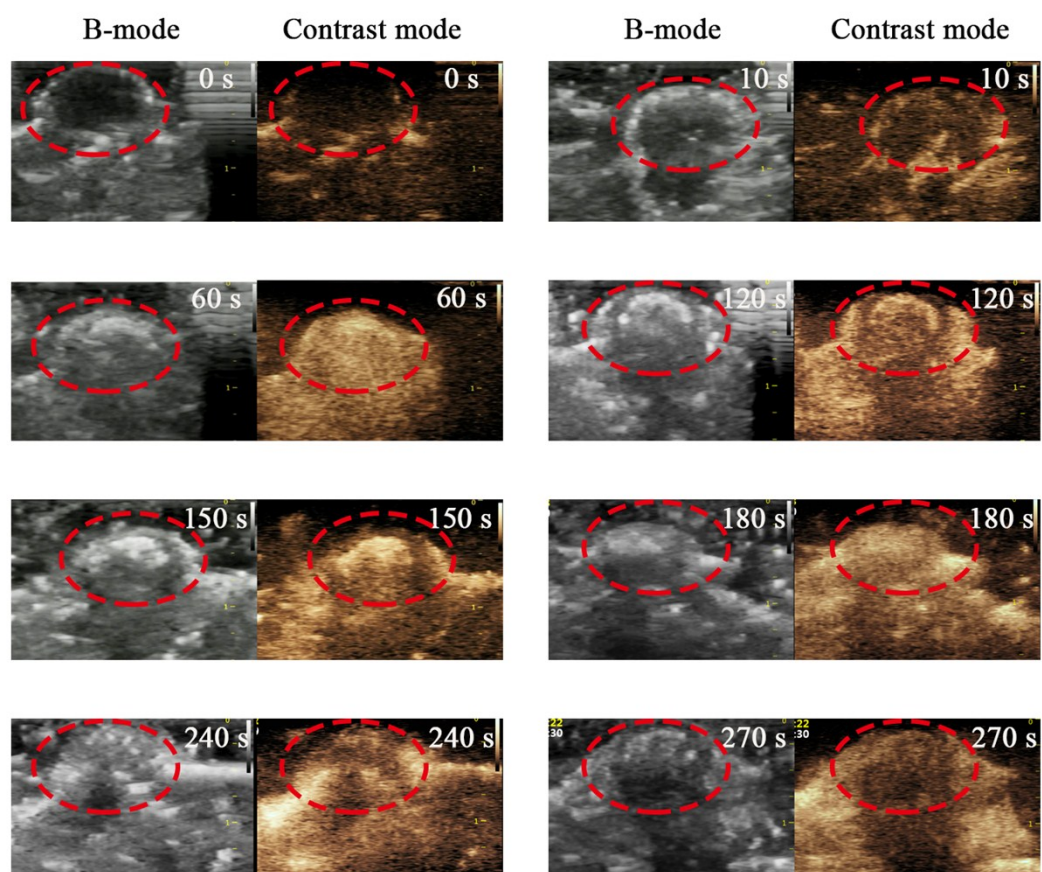


Figure. S3 The representative image of the tumors during the whole ultrasound imaging.

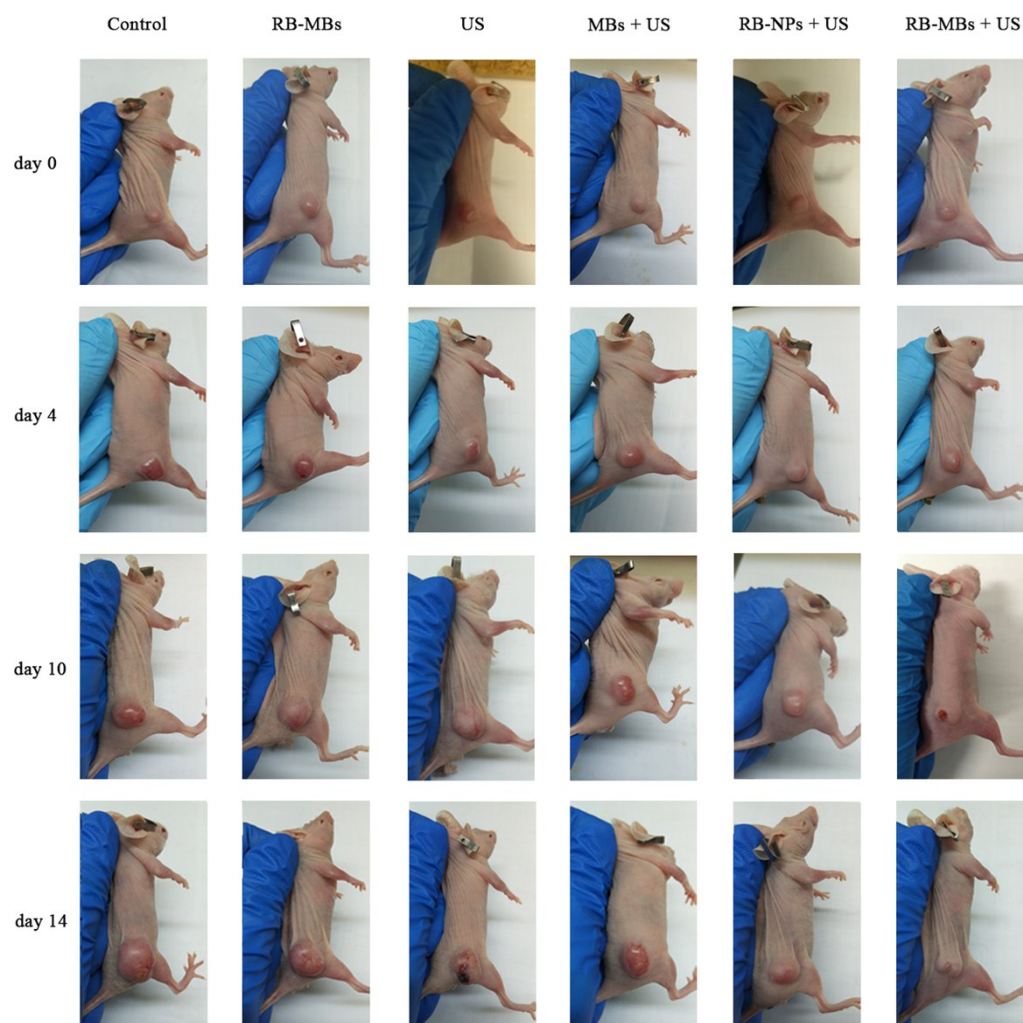


Figure. S4 Represent pictures of the tumor bearing mice on day 0, 4, 10, 14.

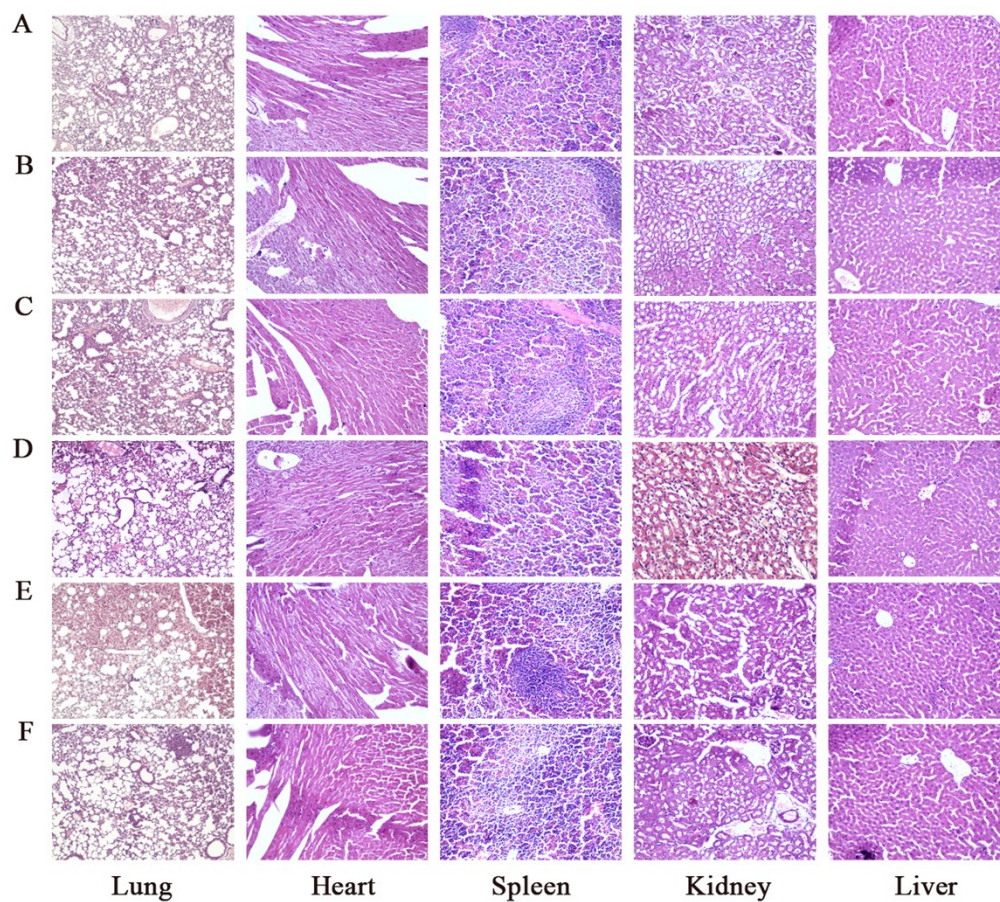


Figure S5. H&E staining analysis of organs from mice after different treatments. (A: control group, B: US group, C: RB-MBs group, D: MBs with US group, E: RB-NPs with US group, F: RB-MBs with US group.)