

Supporting Information

Original article

¹³¹I-Evans blue: evaluation of necrosis targeting property and preliminary assessment of the mechanism in animal models

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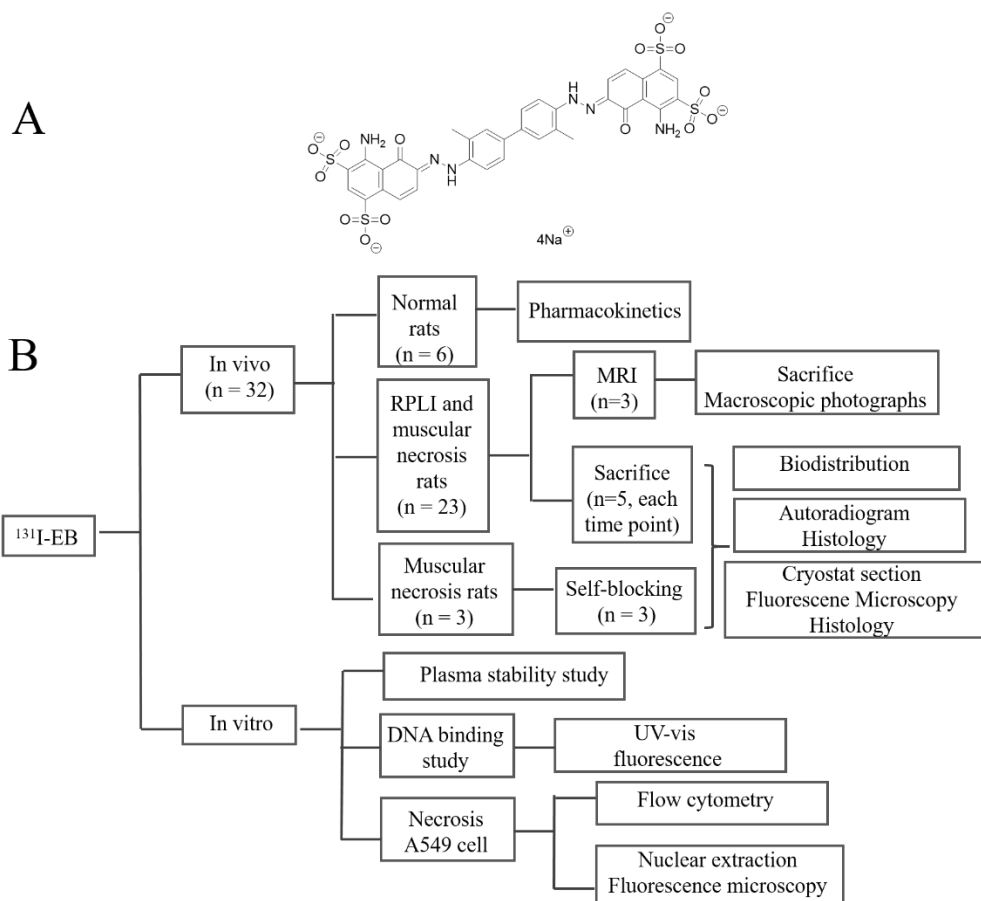


Figure S1. (A) Chemical structure of evans blue. (B) Flowchart of the experimental protocol.

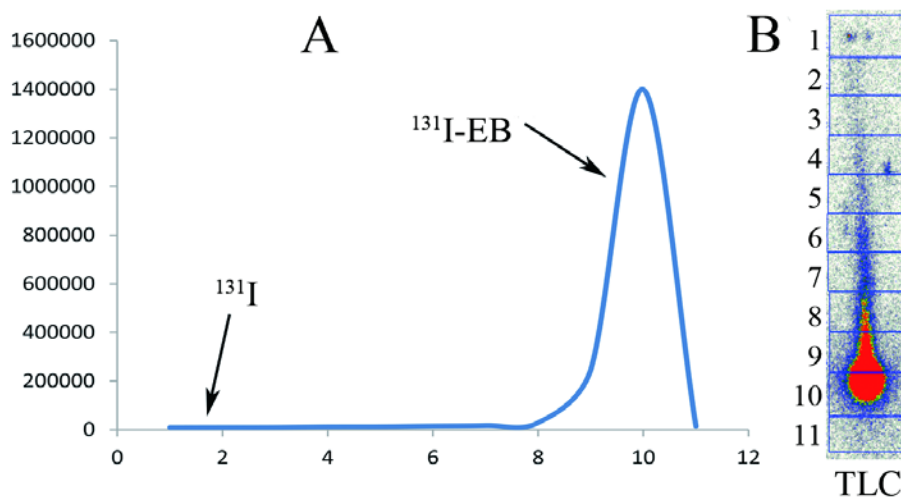


Figure S2. Thin layer chromatography (TLC) analysis with autoradiography of ^{131}I -EB standard solution and the surplus stock EB in the reaction solution after labeling. Radiolabeling yields were $> 95\%$ for ^{131}I -EB as determined with TLC.

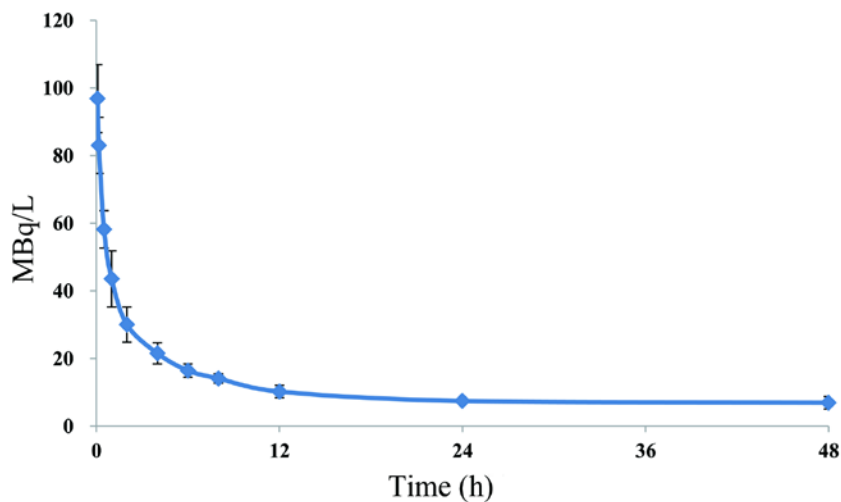


Figure S3. The plasma radioactive concentration–time profiles after i.v. bolus dose of 14.8 MBq/kg of ^{131}I -EB in PBS solutions in healthy rats. Data are expressed as mean \pm SD, $n = 6$.

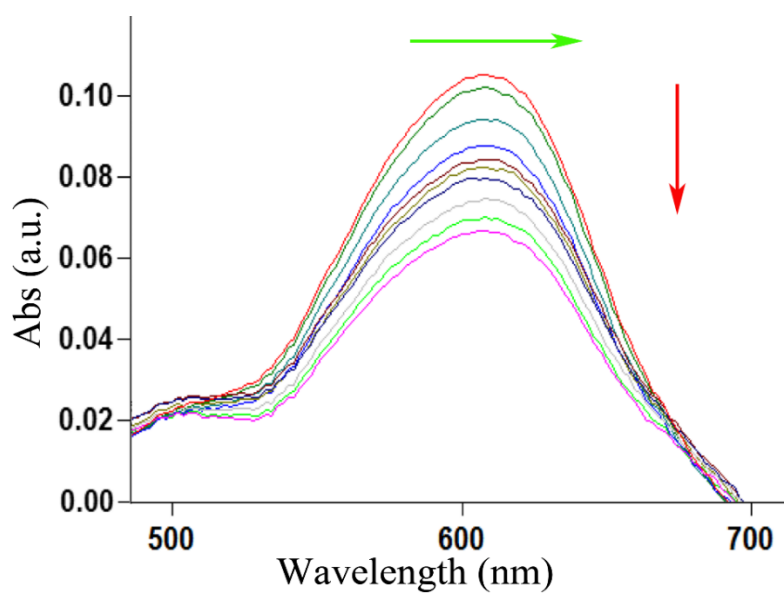


Figure S4. UV-Vis absorption spectra of EB in the absence and presence of increasing amount of CT-DNA. With the addition of CT-DNA, the above bands corresponding to EB showed significant hypochromism (red arrows) accompanied with a red shift (green arrows), indicating the interaction between EB and DNA.