

Simultaneous 2-photon and 3-photon excitation with a red fluorescent protein-cyanine dye probe pair in the 1700-nm excitation window for deep *in vivo* neurovascular imaging: supplement

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SIMULTANEOUS 2-PHOTON AND 3-PHOTON EXCITATION WITH A RED FLUORESCENT PROTEIN-CYANINE DYE PROBE PAIR IN THE 1700-NM EXCITATION WINDOW FOR DEEP IN VIVO NEUROVASCULAR IMAGING

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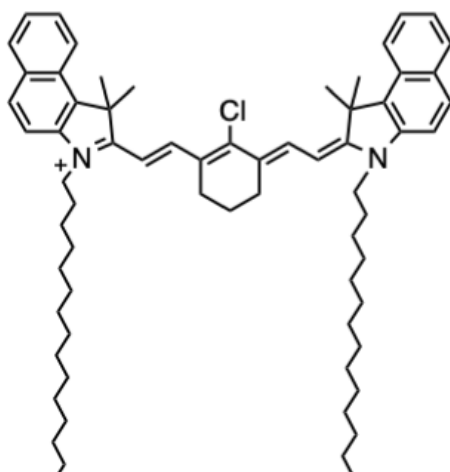


Figure S1. Molecular structures of Q820.

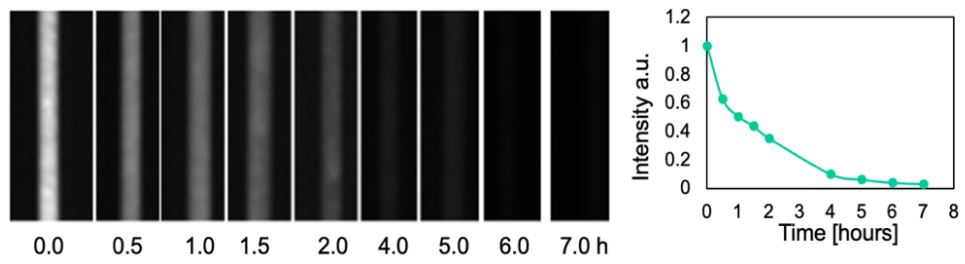


Figure S2. Circulation time of Q820@BSA in the blood. The circulation time was measured by collecting blood from a capillary and measuring the emitted fluorescence intensity. Left: Images of emitted fluorescence from a capillary at different circulation times (in hours). Right: Normalized fluorescence intensity over time. Q820@BSA remains in circulation for an extended period, with a half-life of approximately 2 hours.