

RGD modified water-soluble fluorophore probe for *in vivo* NIR-II imaging of thrombosis

Yanping Wu,^{‡a} Chao Wang,^{‡b} Jiaqi Guo,^a Abdlay Carvalho,^a Yuyu Yao,^{*a} Pengfei Sun^{*b} and Quli Fan^b

a. Department of Cardiology, Zhongda Hospital, Medical School of Southeast University, 87 Dingjiaqiao, Nanjing, Jiangsu, 210009, China. E-mail: yaoyuyunj@hotmail.com

b. Key Laboratory for Organic Electronics and Information Displays and Institute of Advanced Materials, Nanjing University of Posts and Telecommunications, Nanjing 210023, China. E-mail: iampfsun@njupt.edu.cn

[‡] These authors contributed equally to this work

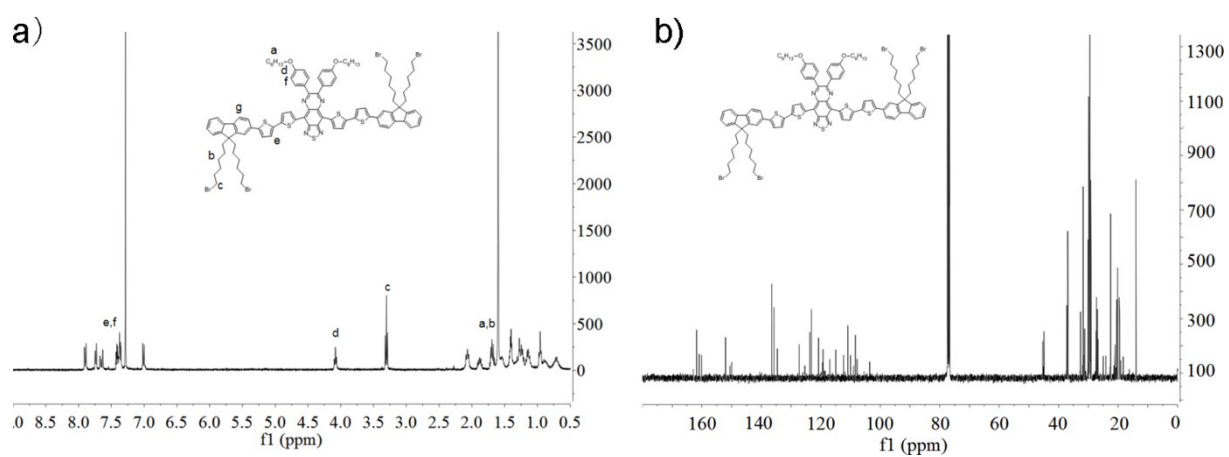


Fig. S1. ^1H NMR spectrum (a) and ^{13}C NMR spectrum (b) of TTQ-TF-Br in CDCl_3 .

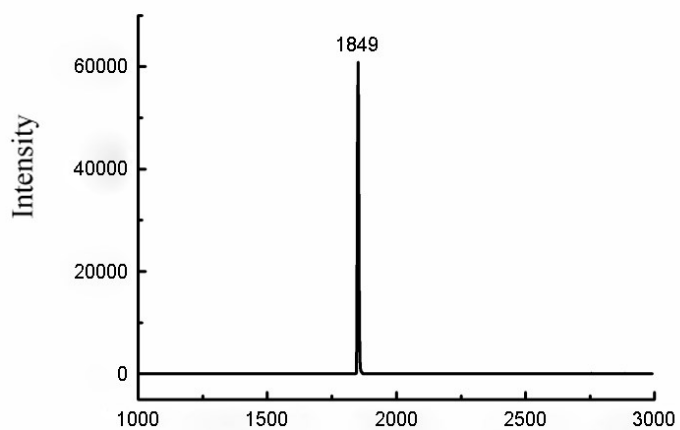


Fig. S2. MALDI-TOF mass spectrometry of TTQ-TF-Br.

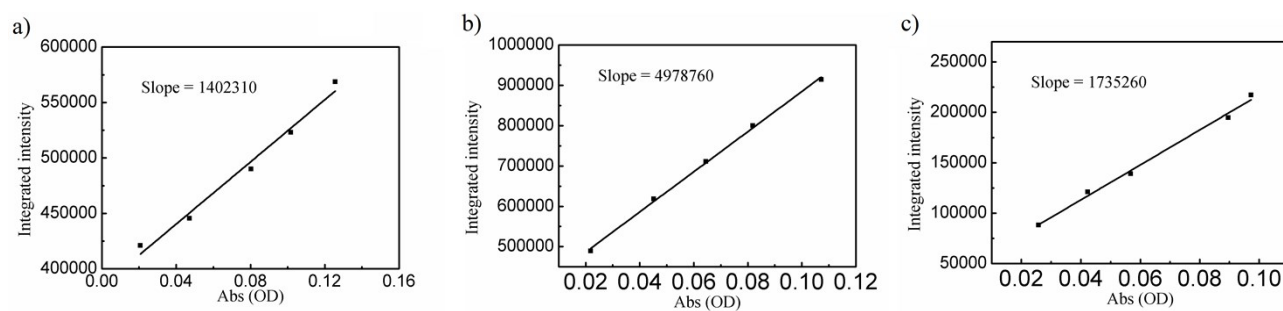


Fig. S3. Quantum yield measurement of TTQ-TF-Br and TTQ-PEG-c(RGD) with IR 1061 as the reference sample. The slope of (a) IR1061 in DCM, (b) TTQ-TF-Br and (c) TTQ-PEG-c(RGD) in water.

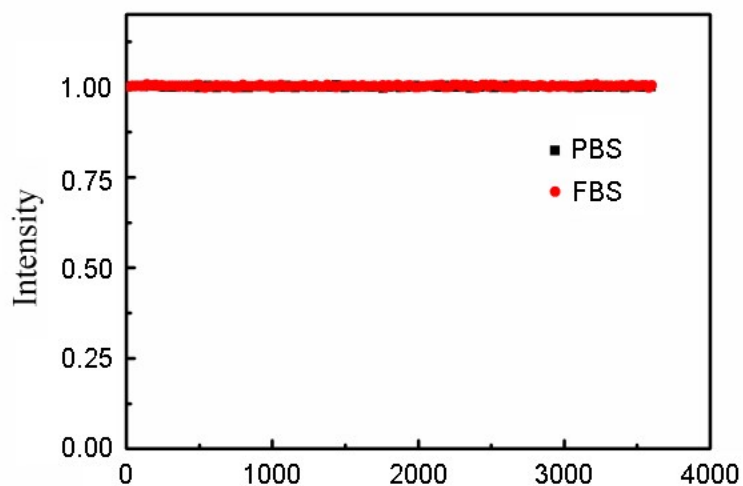


Fig. S4. The photostability of TTQ-PEG-c(RGD) under PBS and FBS.