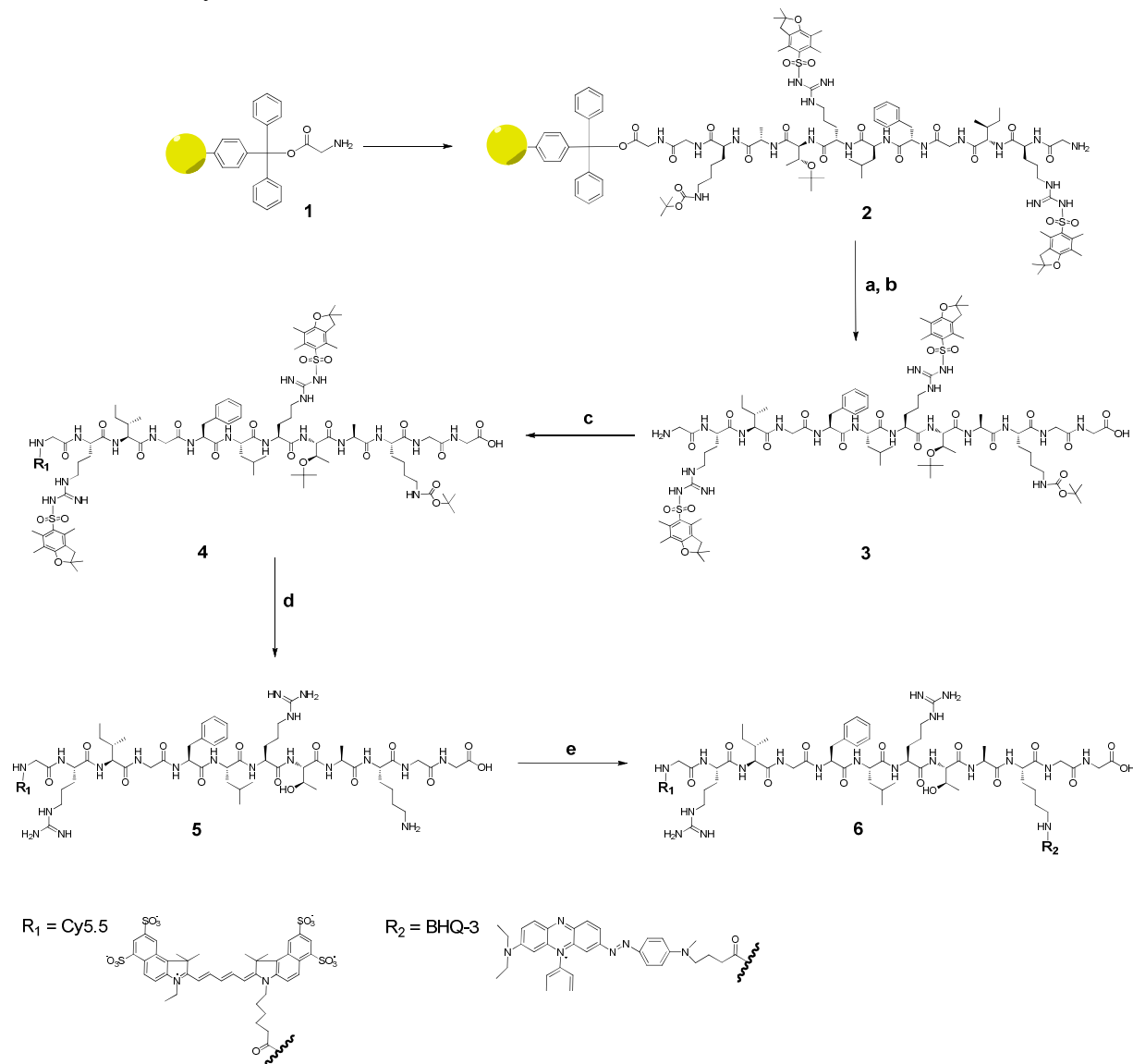


Supporting Information

In vivo Optical Imaging of Membrane-Type Matrix Metalloproteinase (MT-MMP) Activity

Lei Zhu,^{†,‡} Fan Zhang,[†] Ying Ma,[†] Gang Liu,[†] Kwangmeyung Kim,[§] Xuexun Fang,[‡] Seulki Lee,^{*,†} and Xiaoyuan Chen^{*,†}



Scheme S1. Synthesis of **6**, MT-P. a) 1% TFA in dichloromethane; b) 20% piperidine; c) Cy5.5-NHS ester in DMF containing 2% DIPEA; d) TFA/water/triisopropylsilane/1,2-ethanedithiol (92.5/2.5/2.5/2.5, v/v/v/v); e) BHQ-3 NHS ester in DMF containing 2% DIPEA