



Supplemental Figure 1. Characteristics of ^{18}F -PTTP: A. Solution stability of ^{18}F -PTTP stabilities in 0.9% NaCl and 0.1% BSA at room temperature. B. Blood pharmacokinetics of ^{18}F -PTTP in healthy mice ($t_{1/2\alpha} = 2.13 \pm 0.62$ min, $t_{1/2\beta} = 31 \pm 1.3$ min). C. Binding of ^{18}F -PTTP to RAW264.7 cells expressing the P2X7 receptor as a function of incubation time. D. Saturation binding curve of ^{18}F -PTTP. The SB curve was fitted with K_d is 12.37 ± 2.204 nM ($n = 3$) and B_{\max} is 13.54×10^{-15} mol/cell ($n = 3$). NS: non-specific binding; TB: total binding; SB: specific binding.