

Supporting Information

Drug distribution to retinal pigment epithelium: studies on melanin binding, cellular kinetics, and single photon emission computed tomography/computed tomography imaging

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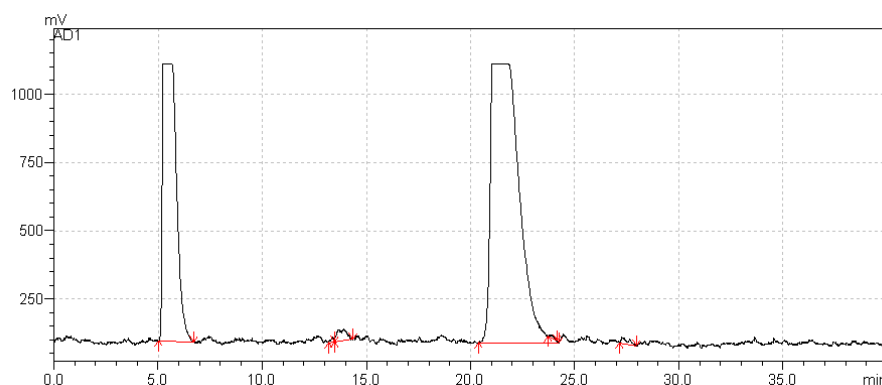


Figure S1. HPLC traces of a typical chloroquine radiolabeling reaction. A - 0.05 M NaH_2PO_4 buffer, B – 0.05 M NaH_2PO_4 buffer in 70 % MeCN, pH = 5.0. Linear gradient from 0 to 70 % B in 30 min. Peak at 22 min corresponds to the target compound; peak at 6 min corresponds to unreacted ^{123}I .

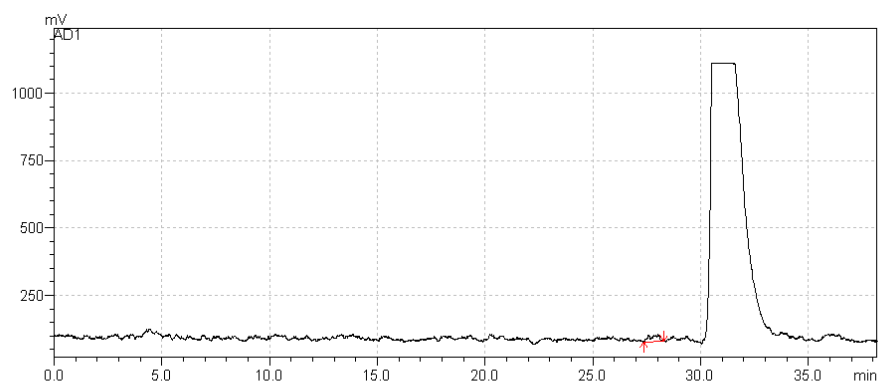


Figure S2. HPLC traces of radiolabeled chloroquine after cartridge purification. A - 0.05 M NaH_2PO_4 buffer, B – 0.05 M NaH_2PO_4 buffer in 70% MeCN, pH = 5.0. Linear gradient from 0 to 50 % B in 30 min. Peak at 32 min corresponds to the target compound.