NIH/3T3 cells are plated with SEMKUR-Imaging at a 20 micromolar concentration. The cells are incubated with CO2 for 24 hours in complete media on a MatTek Dish. They are at a concentration of 6000 cells/ml. The media was then washed off and replaced with Hoechst, blue nuclear stain at a concentration of 1 microgram/ml. TMRM mitochondrial stain, red stain targeting the mitochondria, at a concentration of 200nm. SEMKUR-Imaging stain, green stain, at a concentration of 20 micromolar. These stains were combined to show colocalization of the SEMKUR stain in the mitochondria.

