

MOLECULAR PHARMACOLOGY
MOL #78584

Supplementary Movie 1: Basal Ca²⁺ Channel Activity in Primary Endothelial Cells. Representative TIRFM recording of a primary human microvascular endothelial cell under basal conditions. Recording was converted to a pseudo-color video to emphasize transient changes in fluorescence; blue to green/yellow notes an increase in fluorescence, indicating an increase in [Ca²⁺]; frame rate = 15 frames/s.

Supplementary Movie 2: GSK1016790A Stimulates an Increase in Endothelial Ca²⁺ Influx. Representative TIRFM recording of a primary human microvascular endothelial cell in the presence of the selective TRPV4 agonist GSK1016790A (100 nM), indicating a dramatic increase in whole-cell frequency of Ca²⁺ influx events; frame rate = 15 frames/s.