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2 **Figure S1.** Selectivity of artemisinin effects tested for various TRP channel isoforms. Fluo-4-loaded
3 suspensions of HEK293 cells overexpressing the indicated TRP channels were challenged with 100
4 μ M artemisinin (black lines and bars), or 1% DMSO (grey lines and bars), followed by the addition of
5 the respective TRP channel activators: 1 mM carbachol (CCh; TRPC4; 2.5 μ M thapsigargin-pretreated
6 cells), 50 μ M of a TRPC5-activating benzothiadiazine (BTD; TRPC5), 100 μ M allyl isothiocyanate
7 (TRPA1), 1 mM H₂O₂ (TRPM2), 30 μ M pregnenolone sulfate (PregS; TRPM3), 300 μ M menthol
8 (TRPM8), 2 μ M capsaicin (TRPV1), 300 μ M (TRPV2) or 30 μ M (TRPV3) 2-aminoethoxydiphenyl
9 borate (2-APB), and 100 nM GSK1016790A (TRPV4). Time courses (left panels), or means and S.D. of
10 responses to artemisinin or DMSO (1) and the channel activators (2) determined in 4 experiments
11 performed in duplicates, each, are shown. #: $p < 0.05$ for the indicated comparisons of unpaired data.