Supporting Information

Suppression of Intracellular Calcium Levels and Inhibition of Degranulation in RBL-2H3 Mast Cells by the Sesquiterpene Lactone Parthenolide

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Fig. 1S Effects of parthenolide on cytotoxicity. RBL-2H3 cells were incubated at 37°C for 4 h in the presence of the indicated concentration of parthenolide. Cytotoxicity was determined by MTT assay. Values are the means for four samples with the SEM shown by vertical bars.
Fig. 2S Effects of parthenolide on A23187-induced increase in \([\text{Ca}^{2+}]_i\) levels in adherent cells. The IgE-sensitized cells were preincubated for 60 min in medium with (B) or without (A) parthenolide (30 \(\mu\)M). The cells were then loaded with Fura-2 AM and stimulated with A23187 (1 \(\mu\)M). \([\text{Ca}^{2+}]_i\) levels in each cell were determined with a confocal laser scanning microscope. An arrow indicates when A23187 was added.