**A.**

SYKi (1 μM)

(-) 5 15 5 15 (min) αlgM

Phospho-PLCγ2 (Y1217)

Phospho-BTK (Y223)

Phospho-AKT (S467)

Phospho-ERK (T202/Y204)

Total BTK

β-tubulin

**B.**

%Inhibition

Concentration of RO9021 Log[M]

Ramos-BCR

Jurkat-TCR

**C.**

CD69 Expression (%)

Concentration of RO9021 [LogM]

RO9021

Positive

Negative

**D.**

CD69 Expression (%)

Concentration of RO9021 [LogM]

Whole blood B cells

**E.**

%Inhibition

Concentration of RO9021 [LogM]

IgG

LPS

**F.**

Histamine Release (%)

Concentration of RO9021 [Log M]

RO9021

Cell only

IgEx