1) Data\_BD236.xlsx:

This excel sheet contains the raw data (dose response curve of BD-236)

2) Dose\_response\_curve.m

This MATLAB file fits the standard dose response curve (below equation) to the data



3) Median\_effect\_equation.m

This MATLAB file fits the median-effect equation (below equation) to the data



Here,  and  are the fraction of infection events unaffected and affected by the NAbs in a single round of infection,  is the NAb concentration,  is the half-maximal inhibitory concentration and  is the slope.