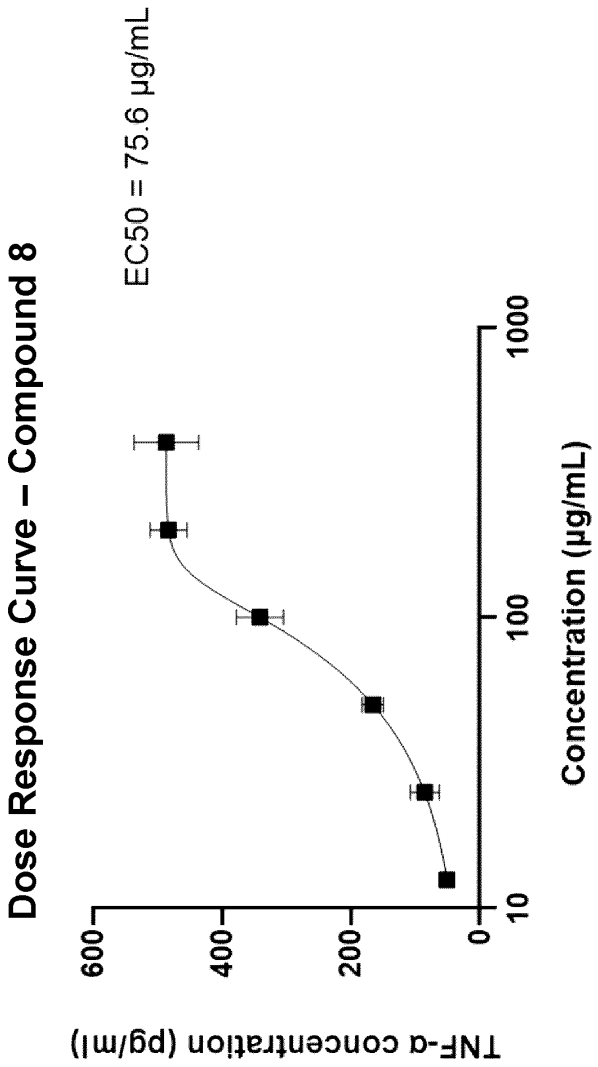

Dose Response Curve – Compound 8
EC50 = 75.6 µg/mL
TNF-α concentration (pg/ml)
600
400
200
0
10
100
1000
Concentration (µg/mL)

Figure 1

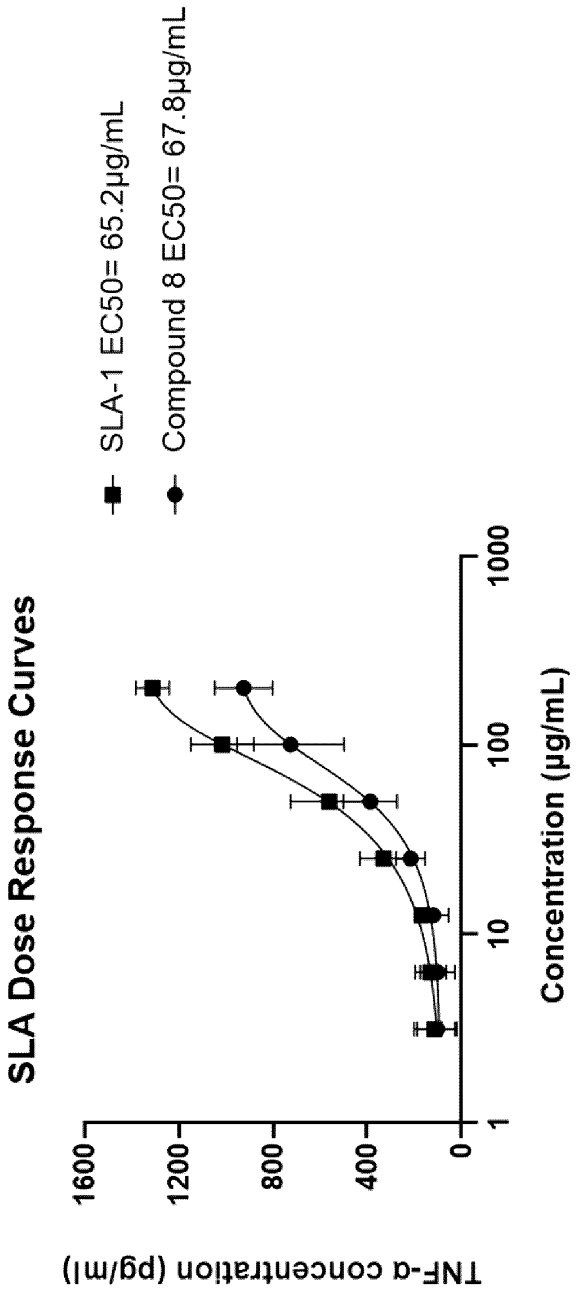

SLA Dose Response Curves
SLA-1 EC50= 65.2µg/mL
Compound 8 EC50= 67.8µg/mL
TNF-α concentration (pg/ml)
1600
1200
800
400
0
1
10
100
1000
Concentration (µg/mL)

Figure 2

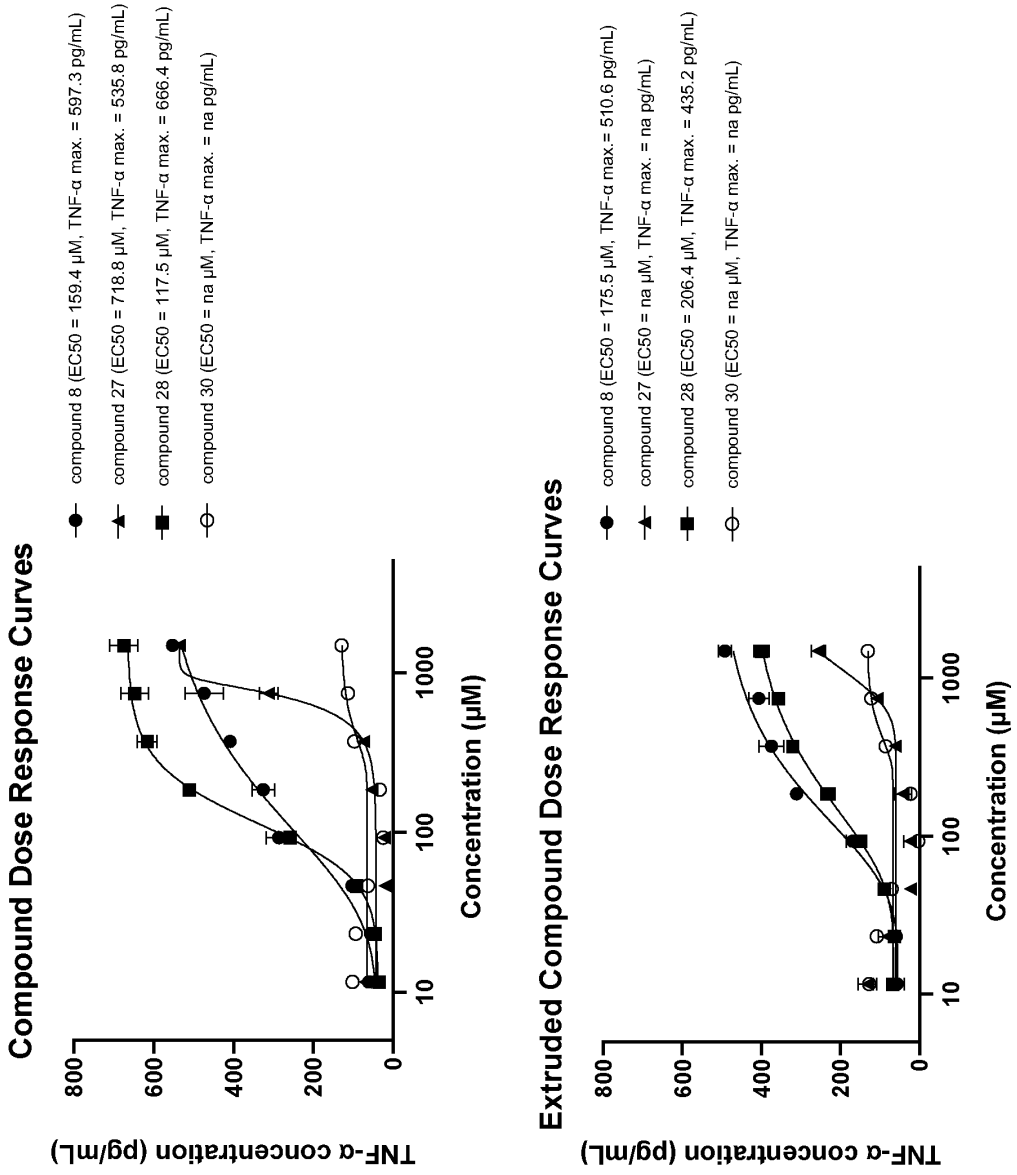

Compound Dose Response Curves
compound 8 (EC50 = 159.4 µM, TNF-α max. = 597.3 pg/mL)
compound 27 (EC50 = 718.8 µM, TNF-α max. = 535.8 pg/mL)
compound 28 (EC50 = 117.5 µM, TNF-α max. = 666.4 pg/mL)
compound 30 (EC50 = na µM, TNF-α max. = na pg/mL)
TNF-α concentration (pg/mL)
0
200
400
600
800
10
100
1000
Concentration (µM)
Extruded Compound Dose Response Curves
compound 8 (EC50 = 175.5 µM, TNF-α max.= 510.6 pg/mL)
compound 27 (EC50 = na µM, TNF-α max. = na pg/mL)
compound 28 (EC50 = 206.4 µM, TNF-α max. = 435.2 pg/mL)
compound 30 (EC50 = na µM, TNF-α max. = na pg/mL)
TNF-α concentration (pg/mL)
0
200
400
600
800
10
100
1000
Concentration (µM)

Figure 3

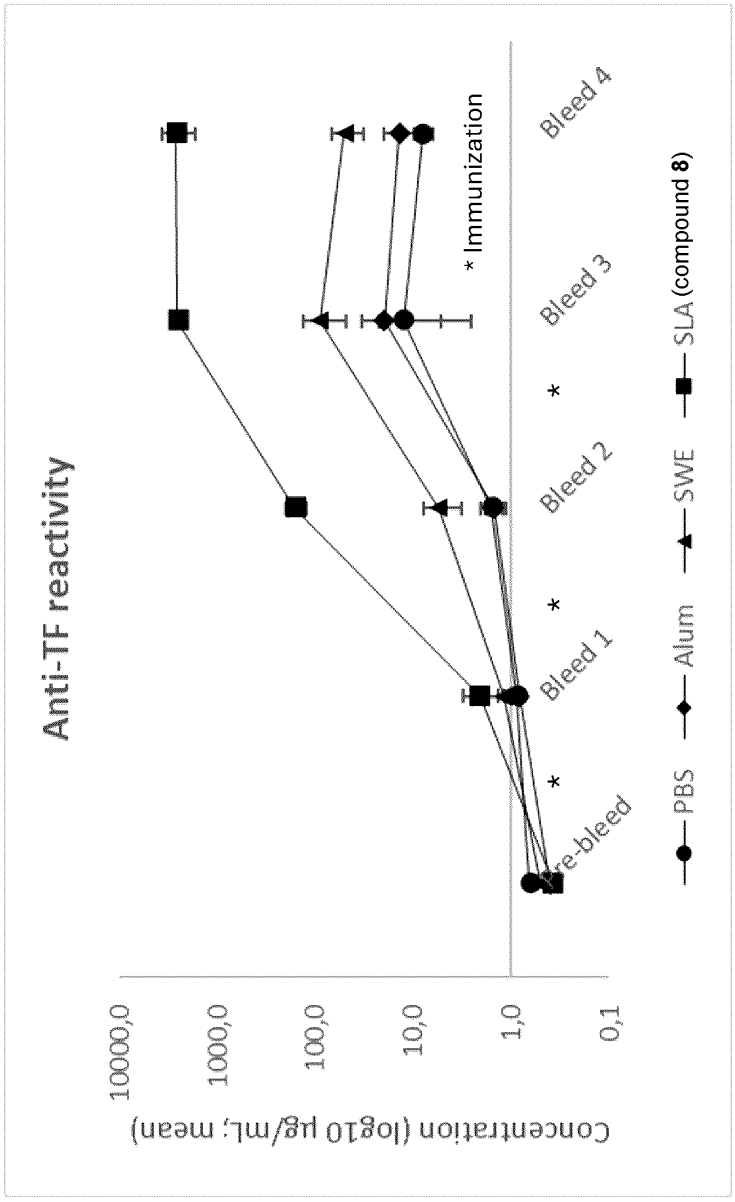

Anti-TF reactivity
Concentration (log10 µg/mL; mean)
10000,0
1000,0
100,0
10,0
1,0
0,1
Pre-bleed
Bleed 1
Bleed 2
Bleed 3
Bleed 4
* Immunization
PBS
Alum
SWE
SLA (compound 8)

Figure 4

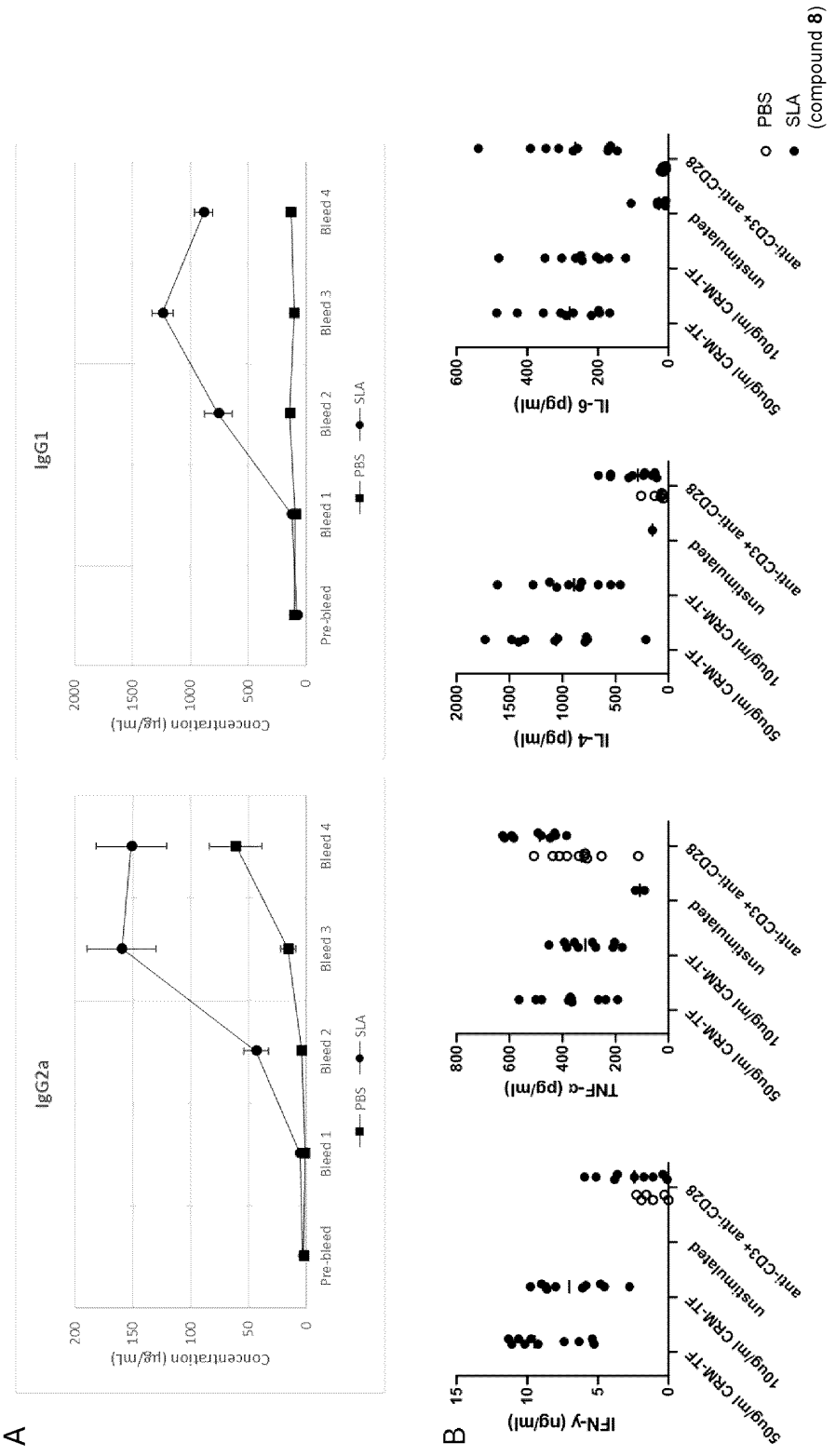

A
IgG2a
IgG1
Concentration (µg/mL)
Pre-bleed
Bleed 1
Bleed 2
Bleed 3
Bleed 4
PBS
SLA
B
IFN-γ (ng/ml)
TNF-α (pg/ml)
IL-4 (pg/ml)
IL-6 (pg/ml)
50ug/ml CRM-TF
10ug/ml CRM-TF
unstimulated
anti-CD3+ anti-CD28
PBS
SLA
(compound 8)

Figure 5

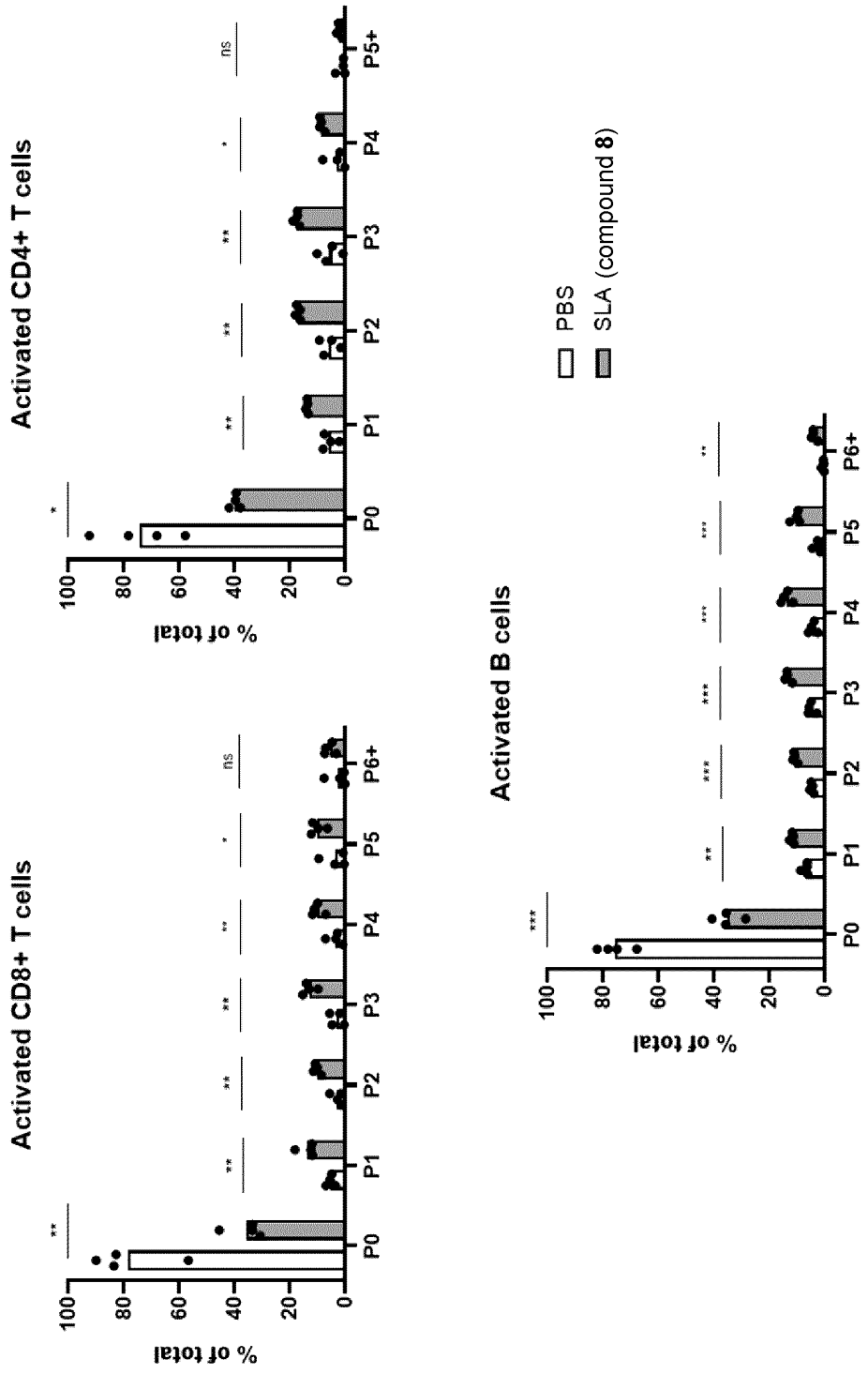

Activated CD4+ T cells
% of total
100
80
60
40
20
0
P0
P1
P2
P3
P4
P5+
ns
Activated CD8+ T cells
% of total
P6+
Activated B cells
PBS
SLA (compound 8)

Figure 6