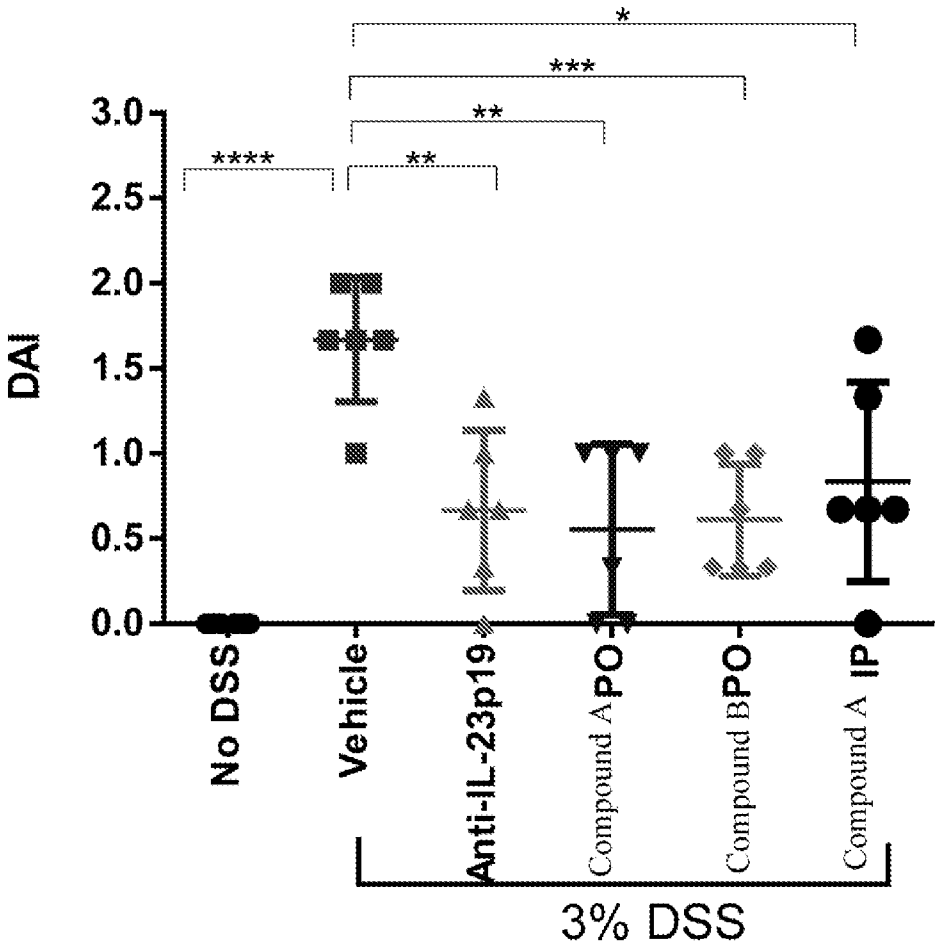

*
***
**
****
**
3.0
2.5
2.0
1.5
1.0
0.5
0.0
DAI
No DSS
Vehicle
Anti-IL-23p19
Compound A PO
Compound B PO
Compound A IP
3% DSS

FIG. 1

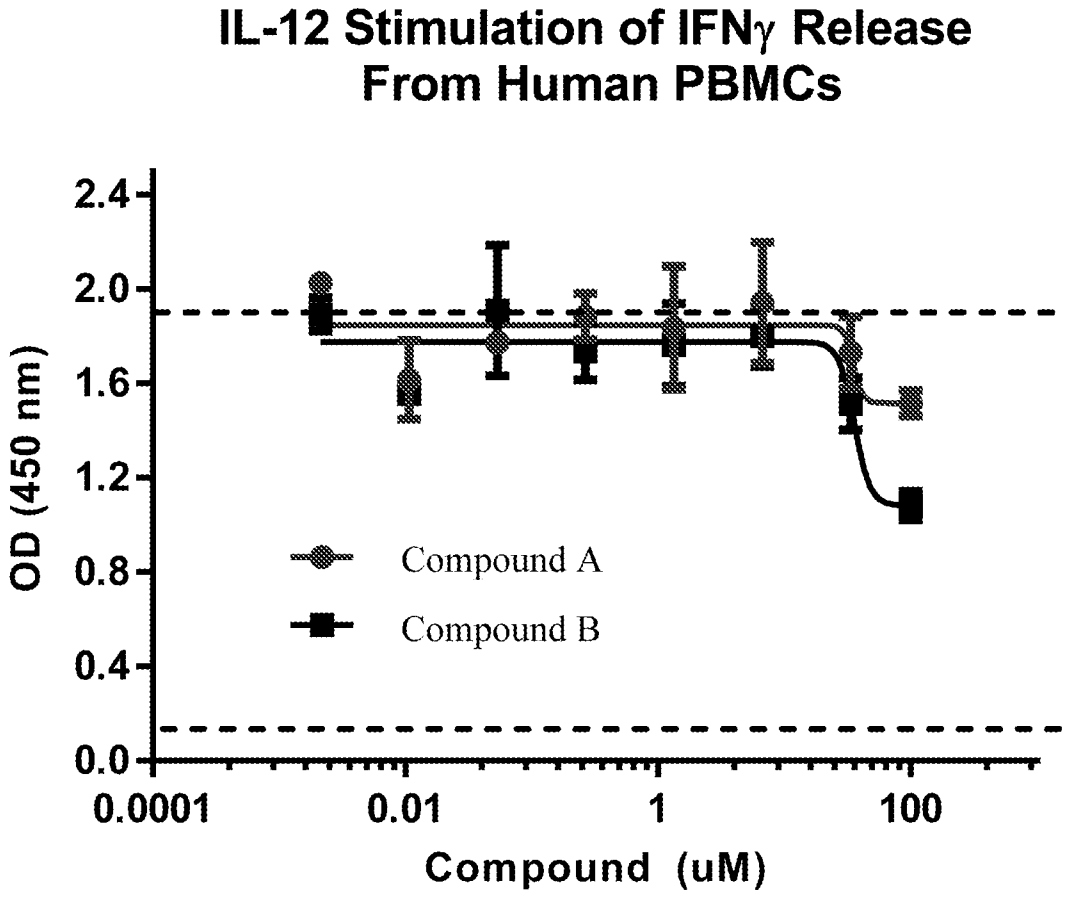

IL-12 Stimulation of IFNγ Release
From Human PBMCs
OD (450 nm)
2.4
2.0
1.6
1.2
0.8
0.4
0.0
0.0001
0.01
1
100
Compound (uM)
Compound A
Compound B

FIG. 2

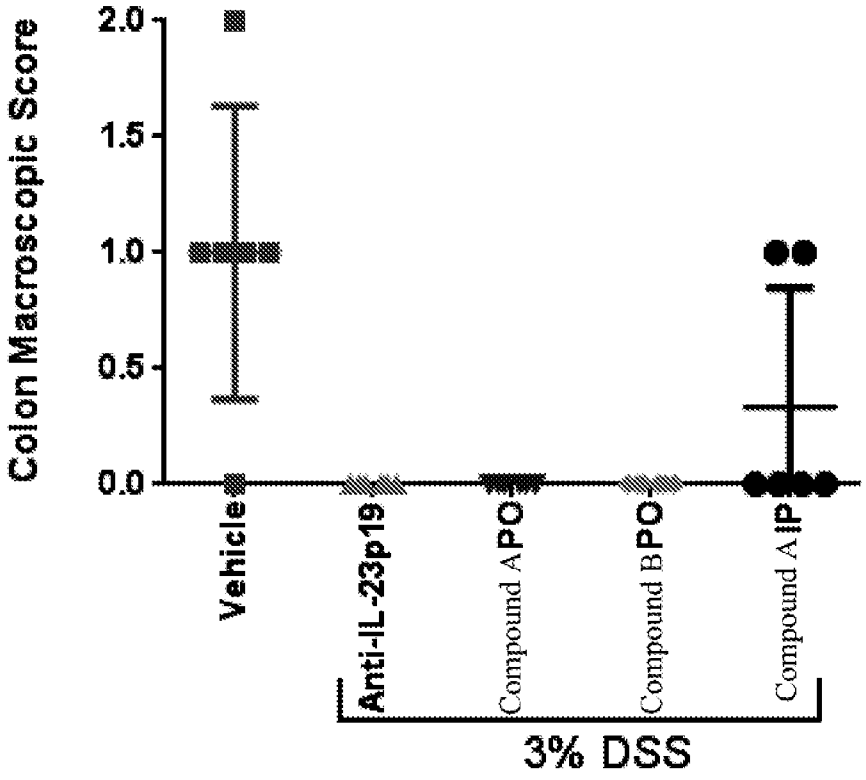


FIG. 3A

0	Normal
1	Erythema
2	Erythema, slight edema, small erosions
3	Two or more bleeding ulcers, inflammation, moderate adhesions
4	Severe ulceration, stenosis with dilations, severe achesions

FIG. 3B

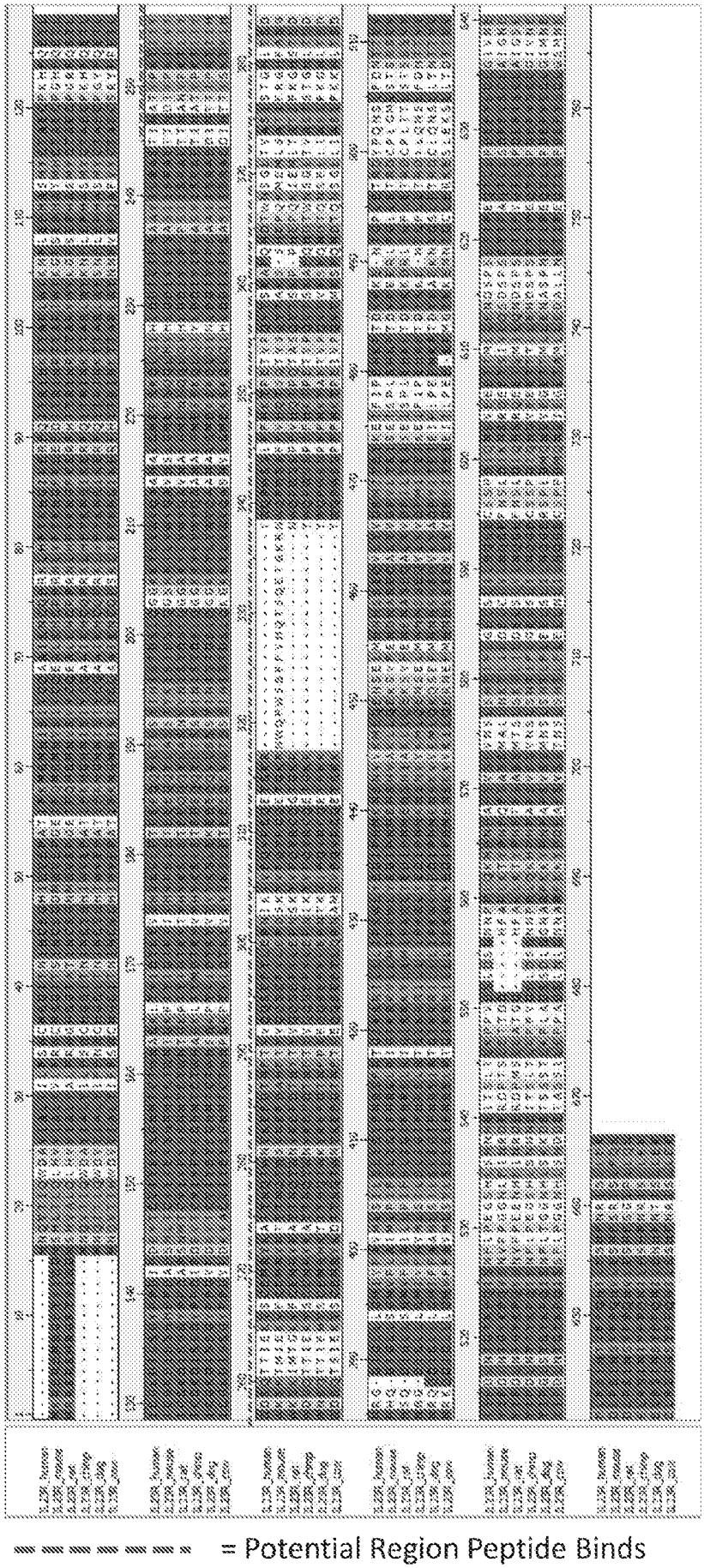


FIG. 4

			Test Article								
Group ID	Female SD Rat ID	TNBS at Day 0	ID	Formulation	Route	Dose (mg/Kg)	Con. (mg/mL)	Dose Vol. (mL/kg)	Frequency	API in Drinking Water (mg/mL)	Termination at Day 6
Group-1	1-8	Sham,	None	PBS	PO	NA	NA	5	TID, Day -1 to Day 6	None	1 hr post morning dose
Group-2	11-20	60 mg/kg	None	PBS	PO	NA	NA	5	TID, Day -1 to Day 6	None	1 hr post morning dose
Group-3	21-30	60 mg/kg	Mouse anti-IL-23p19	PBS	IP	4	2	2	Day -1 and Day 3, AND PBS PO TID at 5ml/kg	None	1 hr post morning dose
Group-4	31-40	60 mg/kg	Compound C	PBS	PO	20	4	5	TID, Day -1 to Day 6	0.6	1 hr post morning dose
Group-5	41-50	60 mg/kg	Compound C	PBS	PO	6.7	1.3	5	TID, Day -1 to Day 6	0.2	1 hr post morning dose

FIG. 5

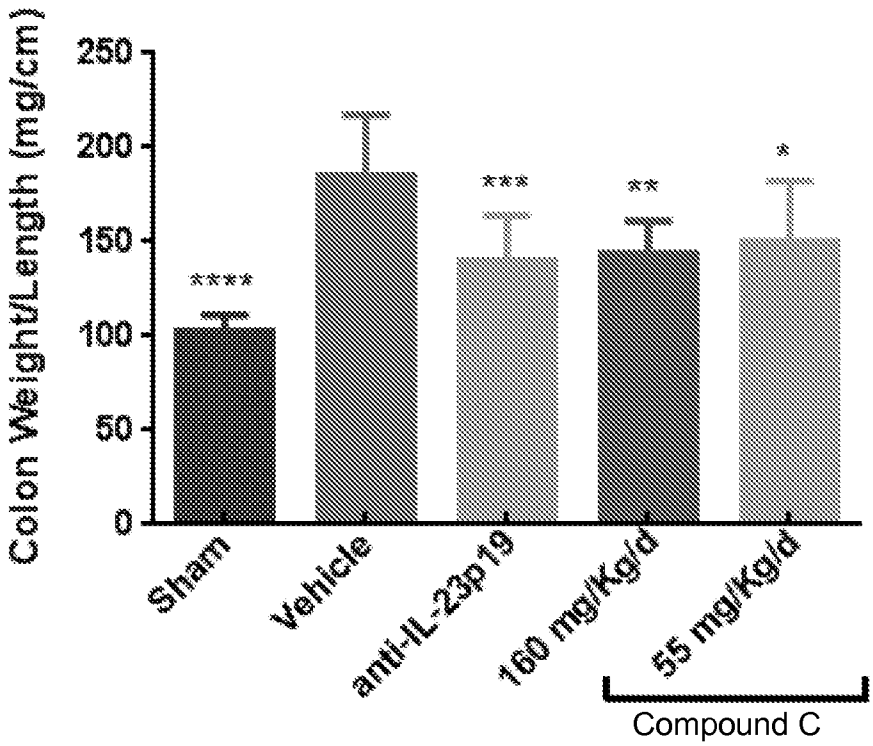

Colon Weight/Length (mg/cm)
250
200
150
100
50
0
****
***
**
*
Sham
Vehicle
anti-IL-23p19
160 mg/Kg/d
55 mg/Kg/d
Compound C

FIG. 6A

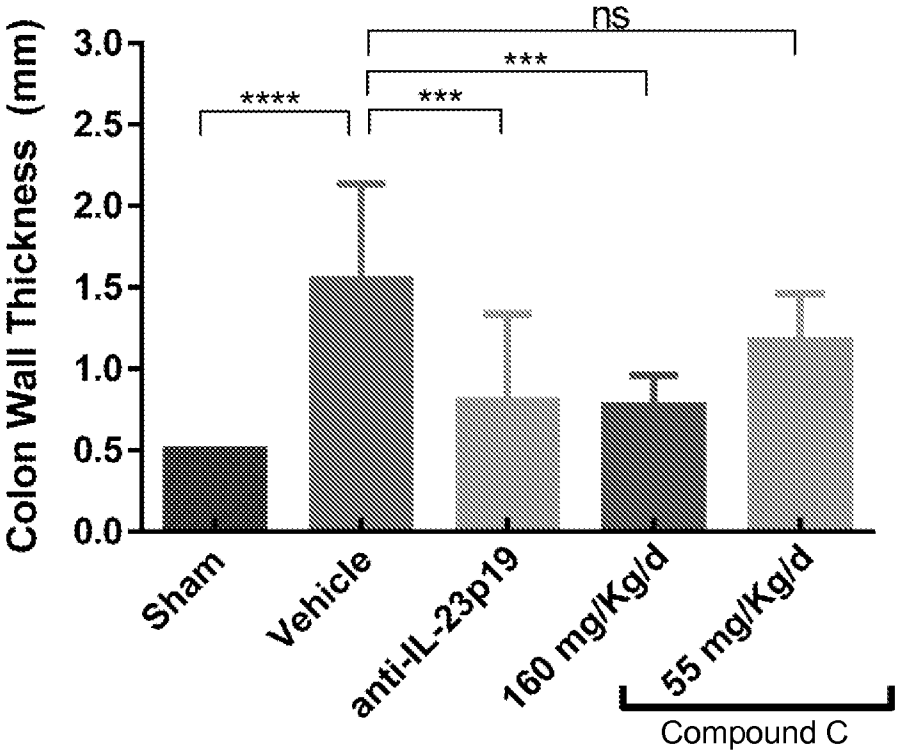

Colon Wall Thickness (mm)
3.0
2.5
2.0
1.5
1.0
0.5
0.0
ns
***
****
***
Sham
Vehicle
anti-IL-23p19
160 mg/Kg/d
55 mg/Kg/d
Compound C

FIG. 6B

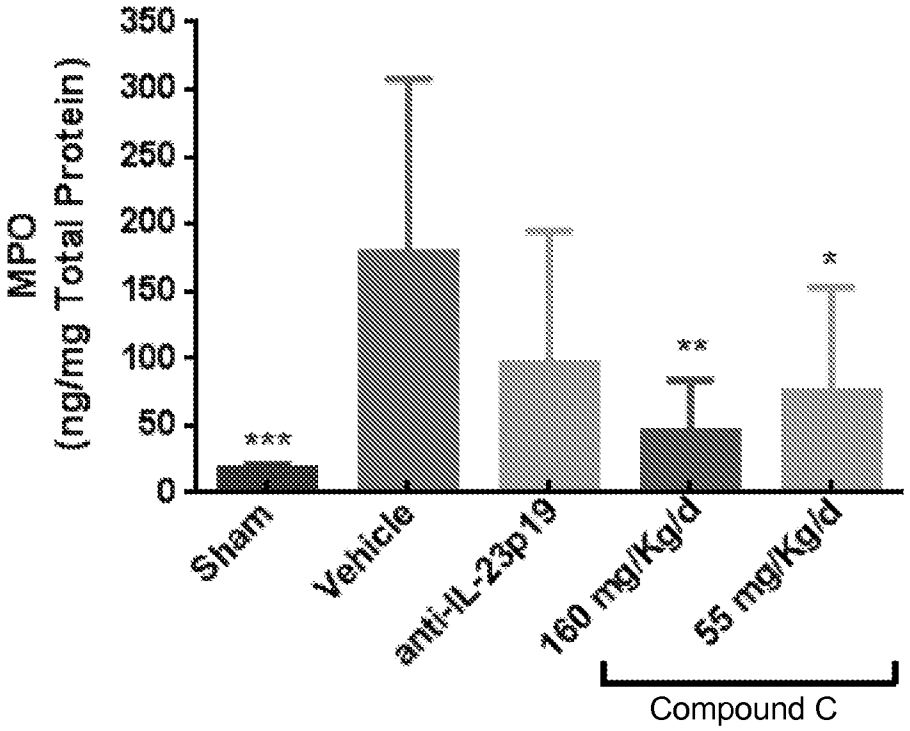

MPO
(ng/mg Total Protein)
350
300
250
200
150
100
50
0
***
**
*
Sham
Vehicle
anti-IL-23p19
160 mg/Kg/d
55 mg/Kg/d
Compound C

FIG. 6C

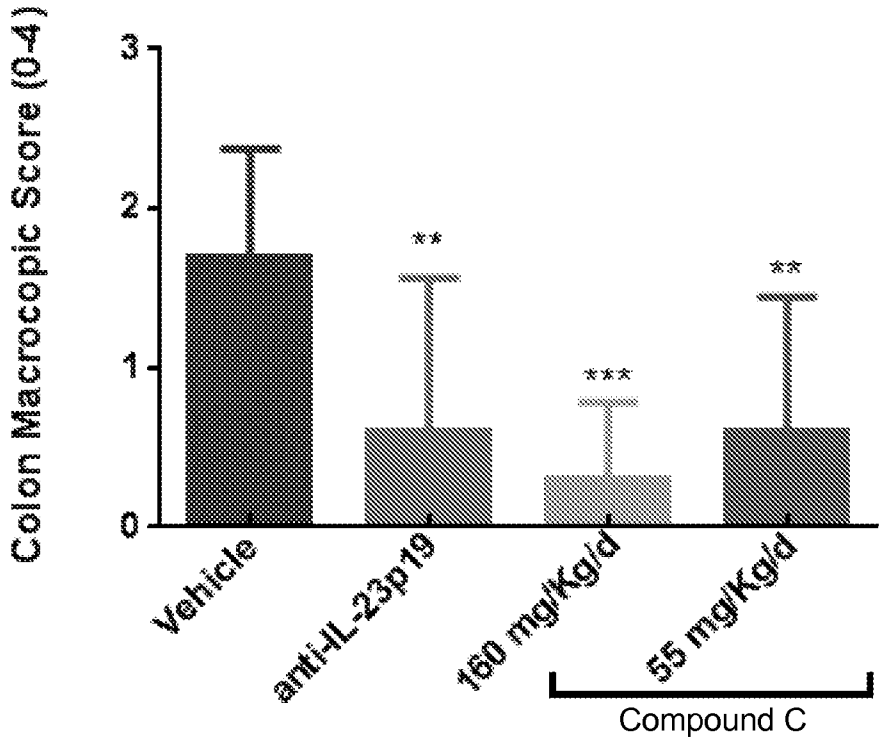

Colon Macrocopic Score (0-4)
3
2
1
0
**
***
**
Vehicle
anti-IL-23p19
160 mg/Kg/d
55 mg/Kg/d
Compound C

FIG. 6D

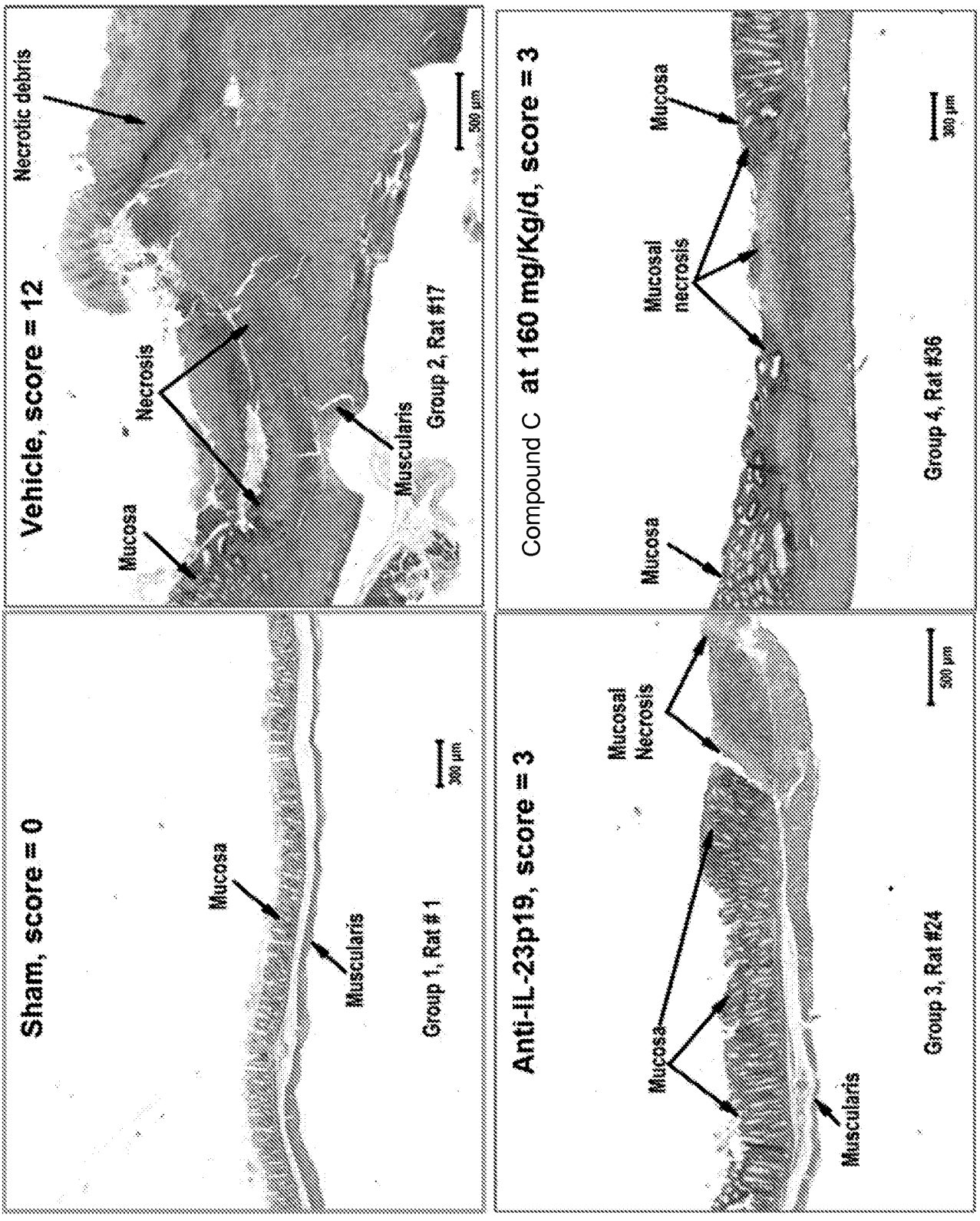

Sham, score = 0
Mucosa
Muscularis
Group 1, Rat # 1
300 µm
Vehicle, score = 12
Necrotic debris
Mucosa
Necrosis
Muscularis
Group 2, Rat #17
500 µm
Anti-IL-23p19, score = 3
Mucosal Necrosis
Mucosa
Muscularis
Group 3, Rat #24
500 µm
Compound C at 160 mg/Kg/d, score = 3
Mucosa
Mucosal necrosis
Mucosa
Group 4, Rat #36
300 µm

FIG. 7

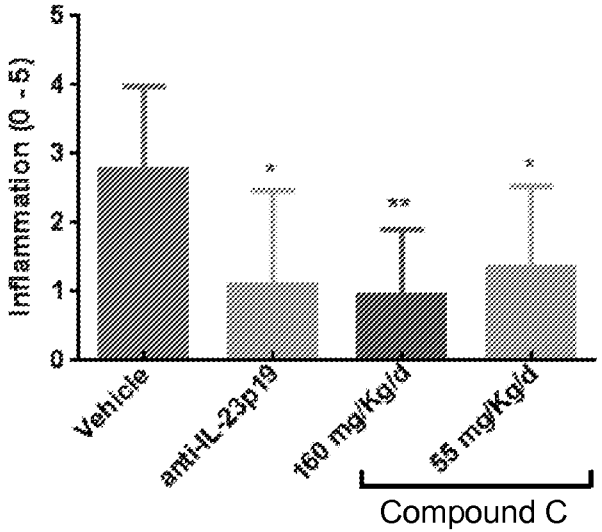


FIG. 8A

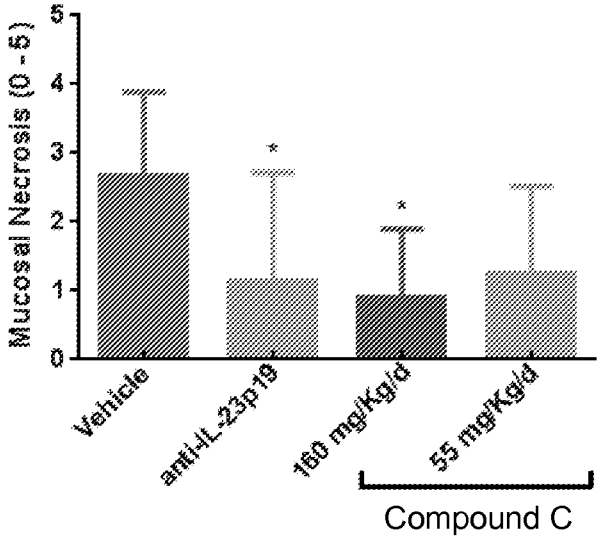


FIG. 8B

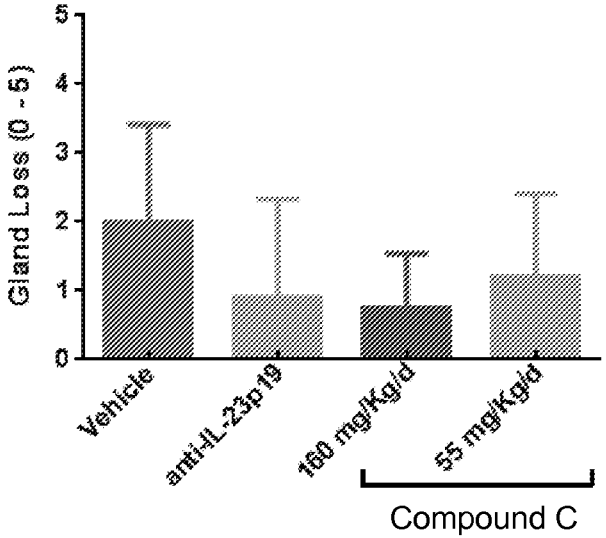


FIG. 8C

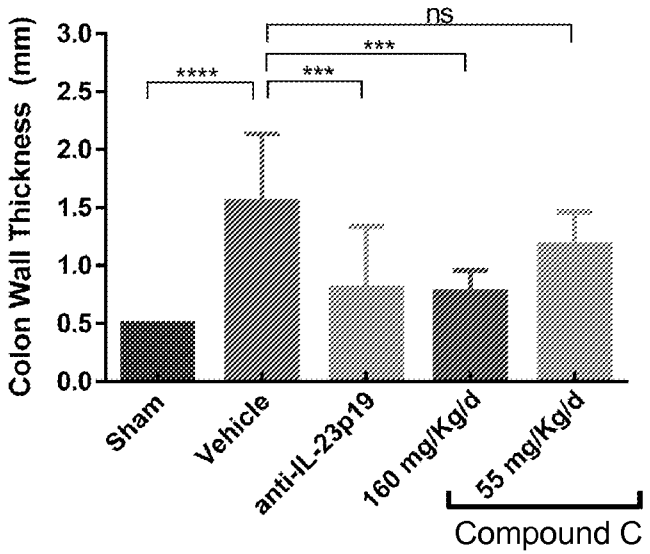


FIG. 8D

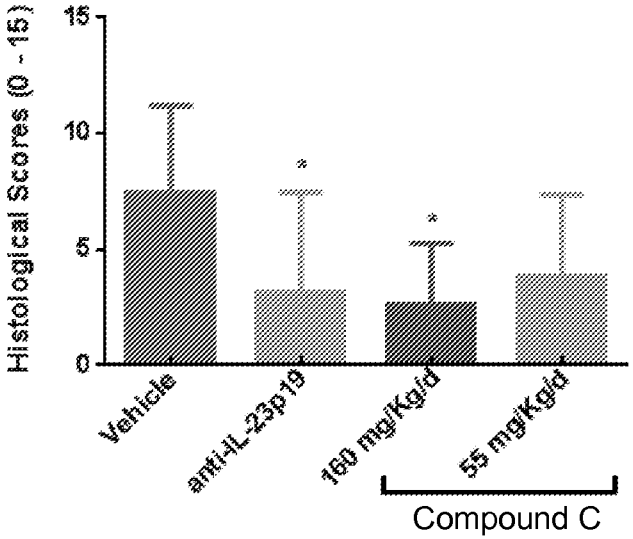


FIG. 8E

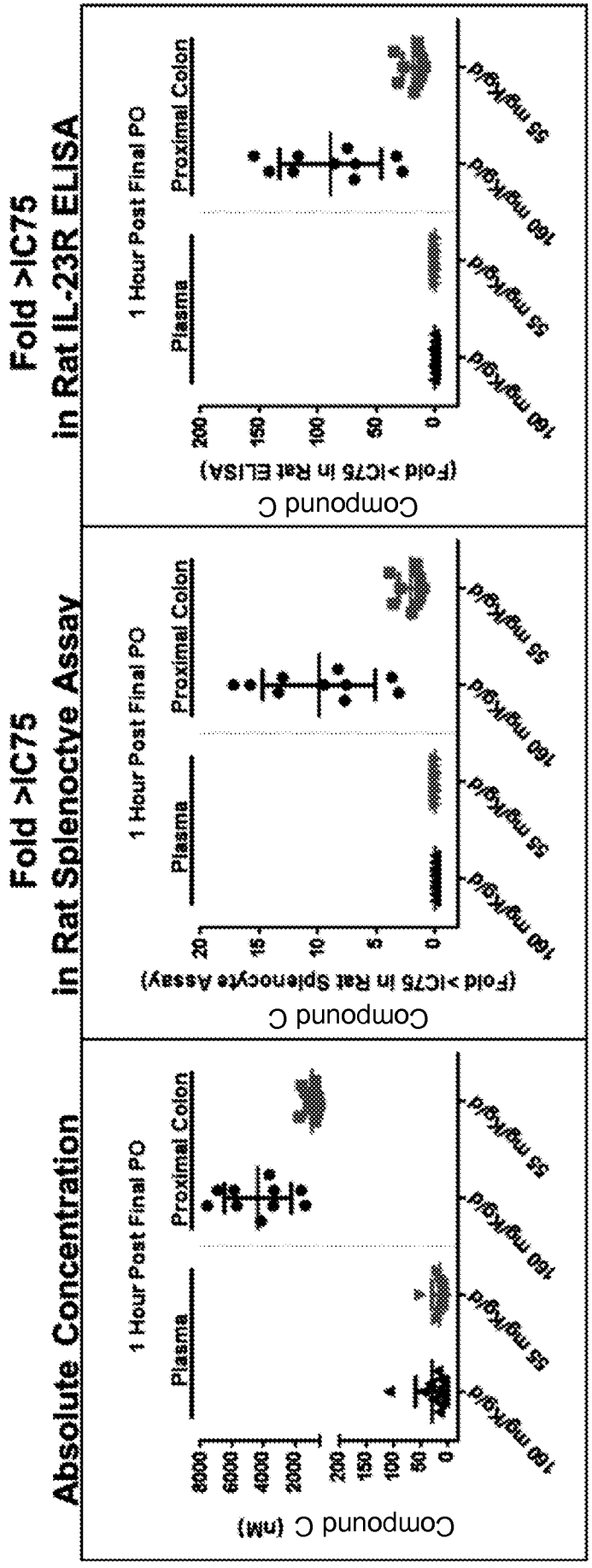
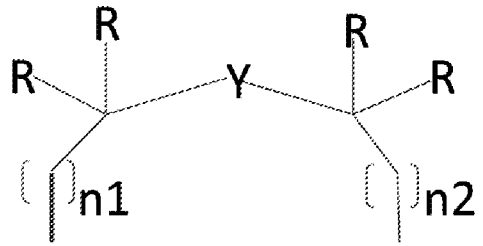


FIG. 9A FIG. 9B FIG. 9C

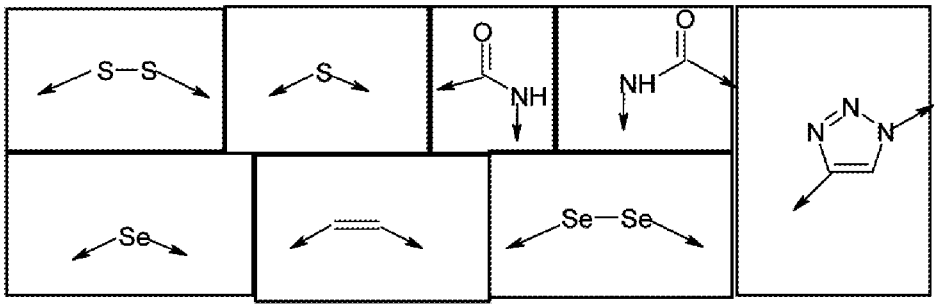


X1-X2-X3-X4-X5-X6-X7-X8-X9-X10-X11-X12-X13-X14-X15-X16-X17-X18-X19-X20

R = H, CH3

n1 = 0-6

n2 = 0-6

Y = 

X4 = Any amino acid capable of forming bond with X9 with chemistries shown for Y

X9 = Any amino acid capable of forming bond with X9 with chemistries shown for Y

FIG. 10