FIG. 1

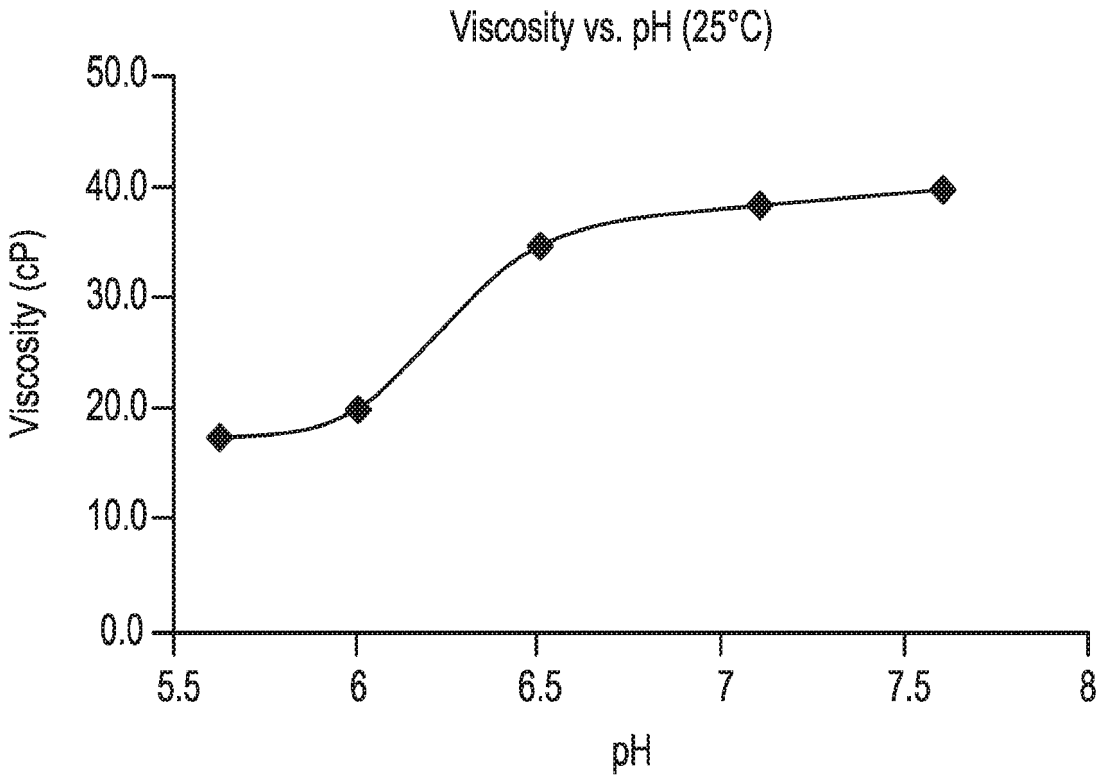

Viscosity vs. pH (25°C)
Viscosity (cP)
50.0
40.0
30.0
20.0
10.0
0.0
5.5
6
6.5
7
7.5
8
pH

FIG. 2

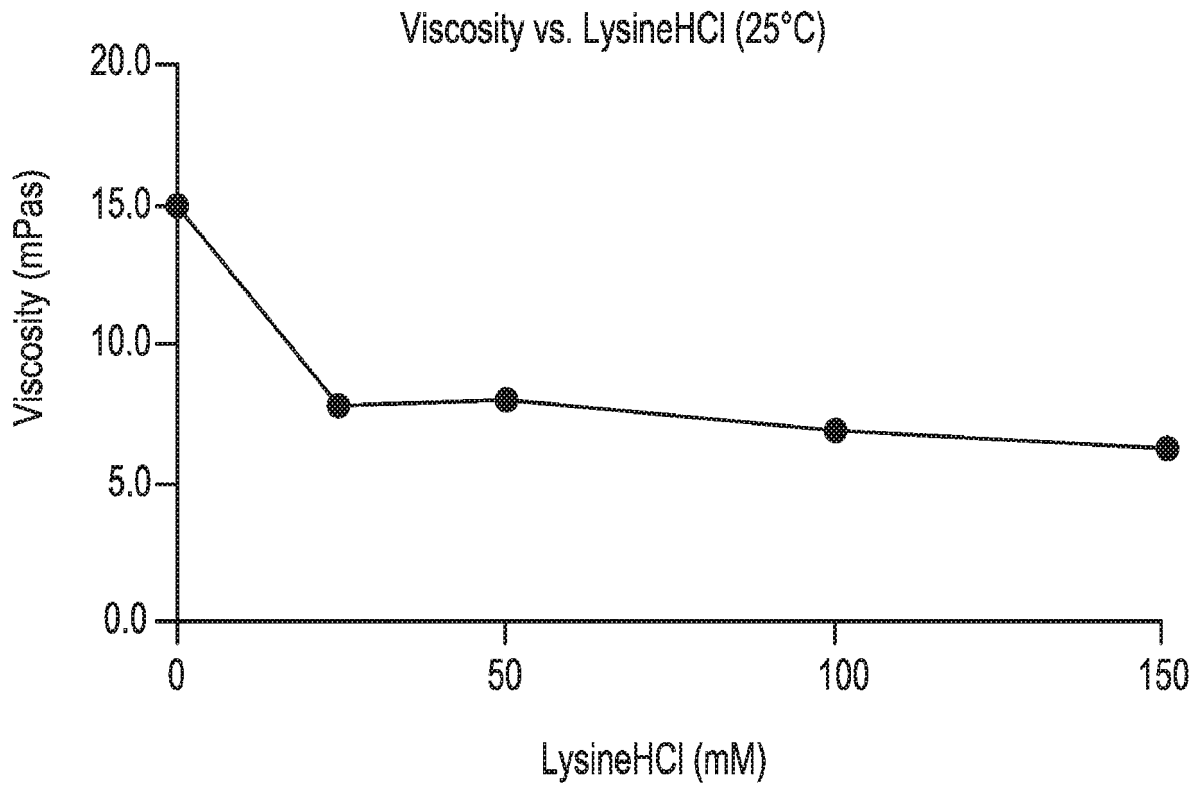

Viscosity vs. LysineHCl (25°C)
Viscosity (mPas)
20.0
15.0
10.0
5.0
0.0
0
50
100
150
LysineHCl (mM)

FIG. 3

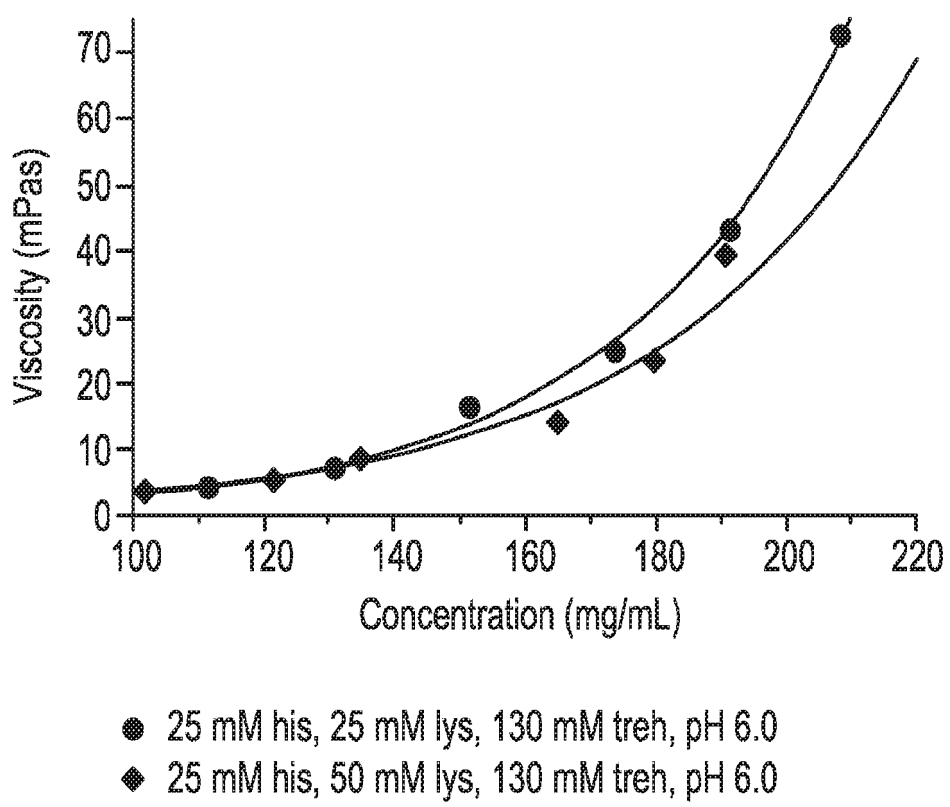

MEDI-546 Visosity Screening
Viscosity (mPas)
0
10
20
30
40
50
60
70
100
120
140
160
180
200
220
Concentration (mg/mL)
25 mM his, 25 mM lys, 130 mM treh, pH 6.0
25 mM his, 50 mM lys, 130 mM treh, pH 6.0

FIG. 4

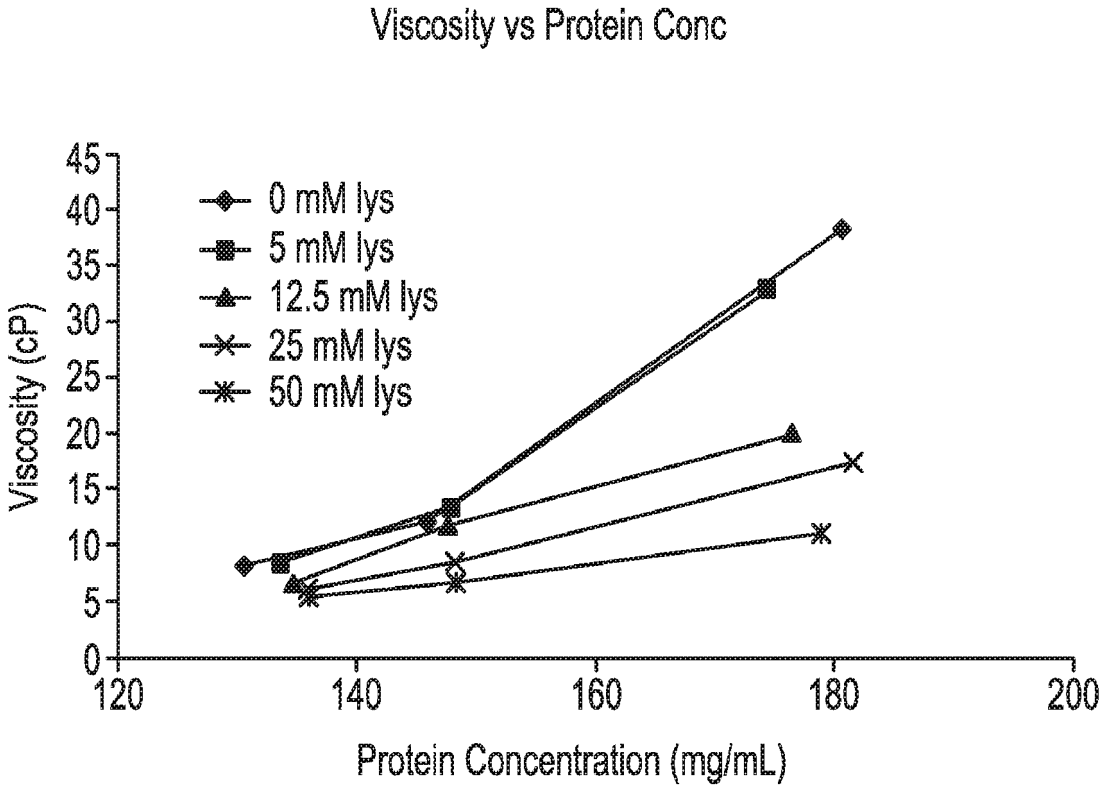
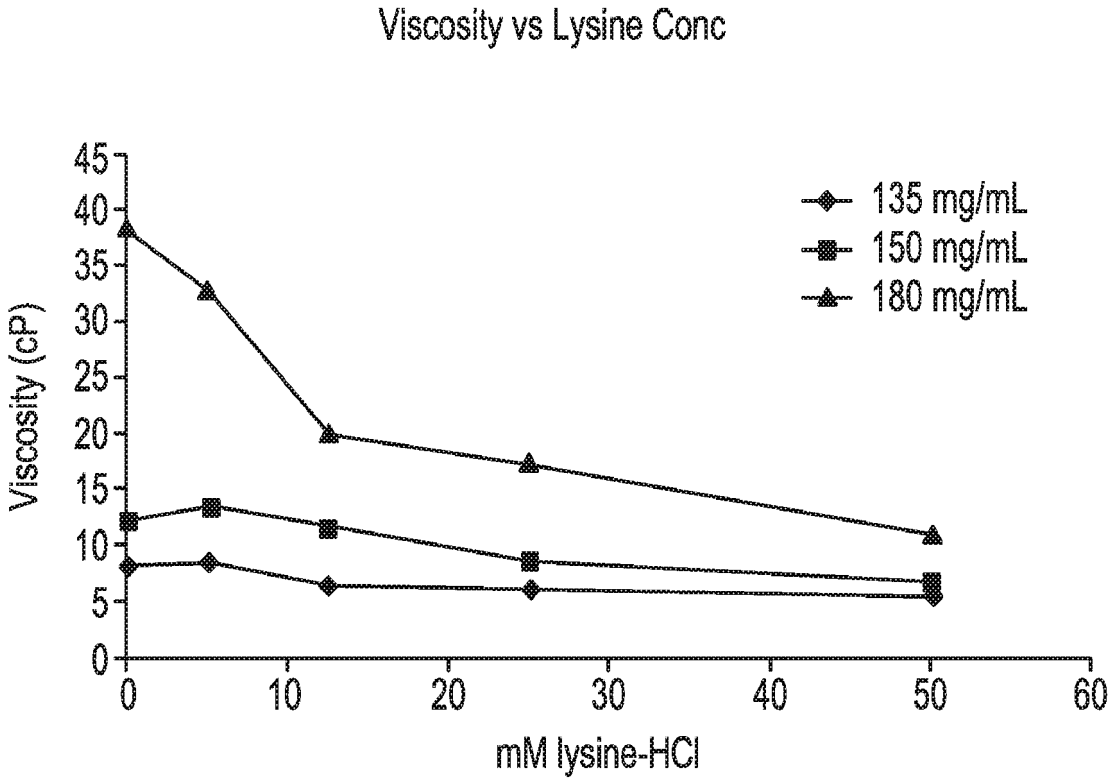

Viscosity vs Protein Conc
Viscosity (cP)
45
40
35
30
25
20
15
10
5
0
120
140
160
180
200
Protein Concentration (mg/mL)
0 mM lys
5 mM lys
12.5 mM lys
25 mM lys
50 mM lys

FIG. 5


Viscosity vs Lysine Conc
Viscosity (cP)
45
40
35
30
25
20
15
10
5
0
0
10
20
30
40
50
60
mM lysine-HCl
135 mg/mL
150 mg/mL
180 mg/mL