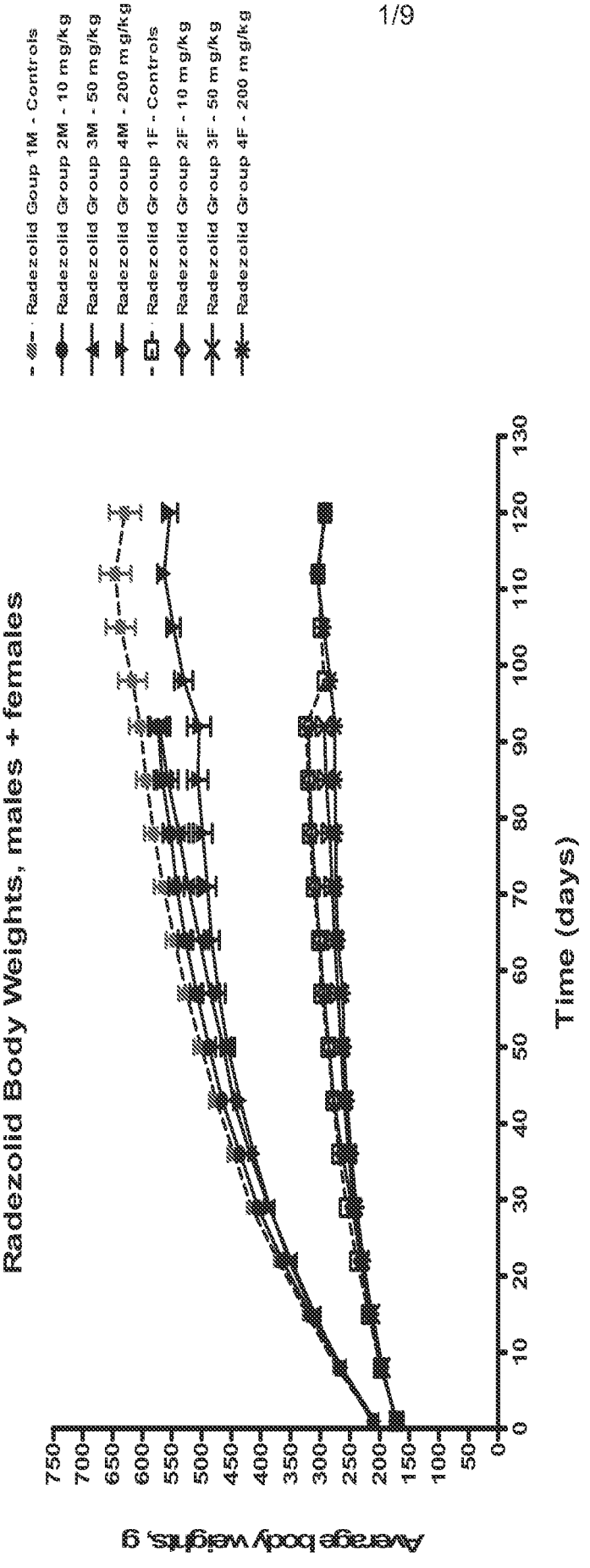

Radezolid Body Weights, males + females
Radezolid Goup 1M - Controls
Radezolid Group 2M - 10 mg/kg
Radezolid Group 3M - 50 mg/kg
Radezolid Group 4M - 200 mg/kg
Radezolid Group 1F - Controls
Radezolid Group 2F - 10 mg/kg
Radezolid Group 3F - 50 mg/kg
Radezolid Group 4F - 200 mg/kg
Average body weights, g
750
700
650
600
550
500
450
400
350
300
250
200
150
100
50
0
0
10
20
30
40
50
60
70
80
90
100
110
120
130
Time (days)

FIG. 1

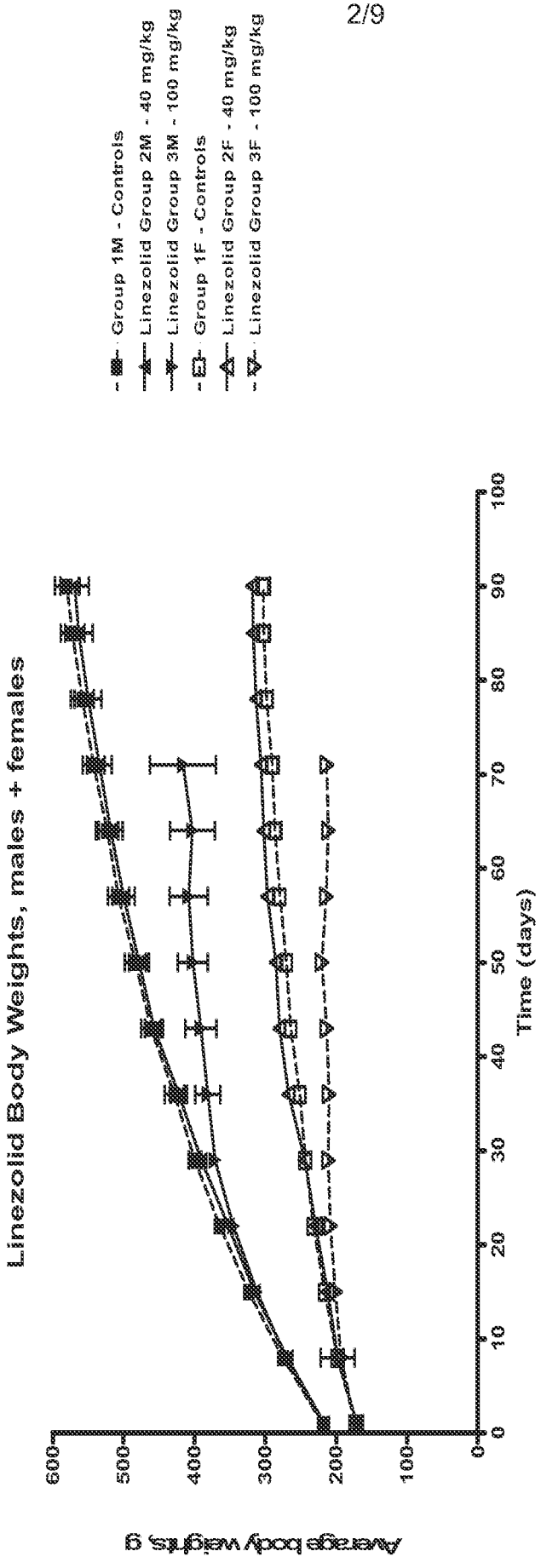

Linezolid Body Weights, males + females
Group 1M - Controls
Linezolid Group 2M - 40 mg/kg
Linezolid Group 3M - 100 mg/kg
Group 1F - Controls
Linezolid Group 2F - 40 mg/kg
Linezolid Group 3F - 100 mg/kg
Average body weights g
Time (days)
0
100
200
300
400
500
600
0
10
20
30
40
50
60
70
80
90
100

FIG. 2

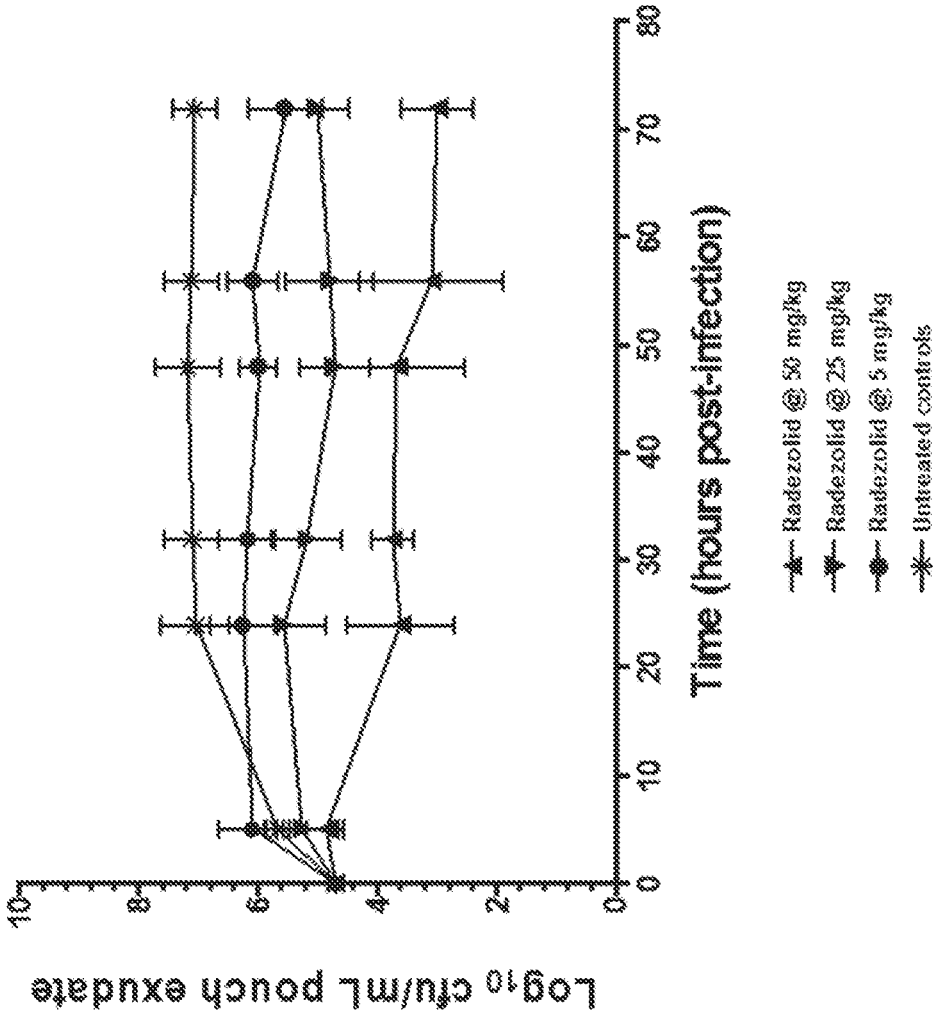

Log10 cfu/mL pouch exudate
10
8
6
4
2
0
0
10
20
30
40
50
60
70
80
Time (hours post-infection)
Radezolid @ 50 mg/kg
Radezolid @ 25 mg/kg
Radezolid @ 5 mg/kg
Untreated controls

FIG. 3

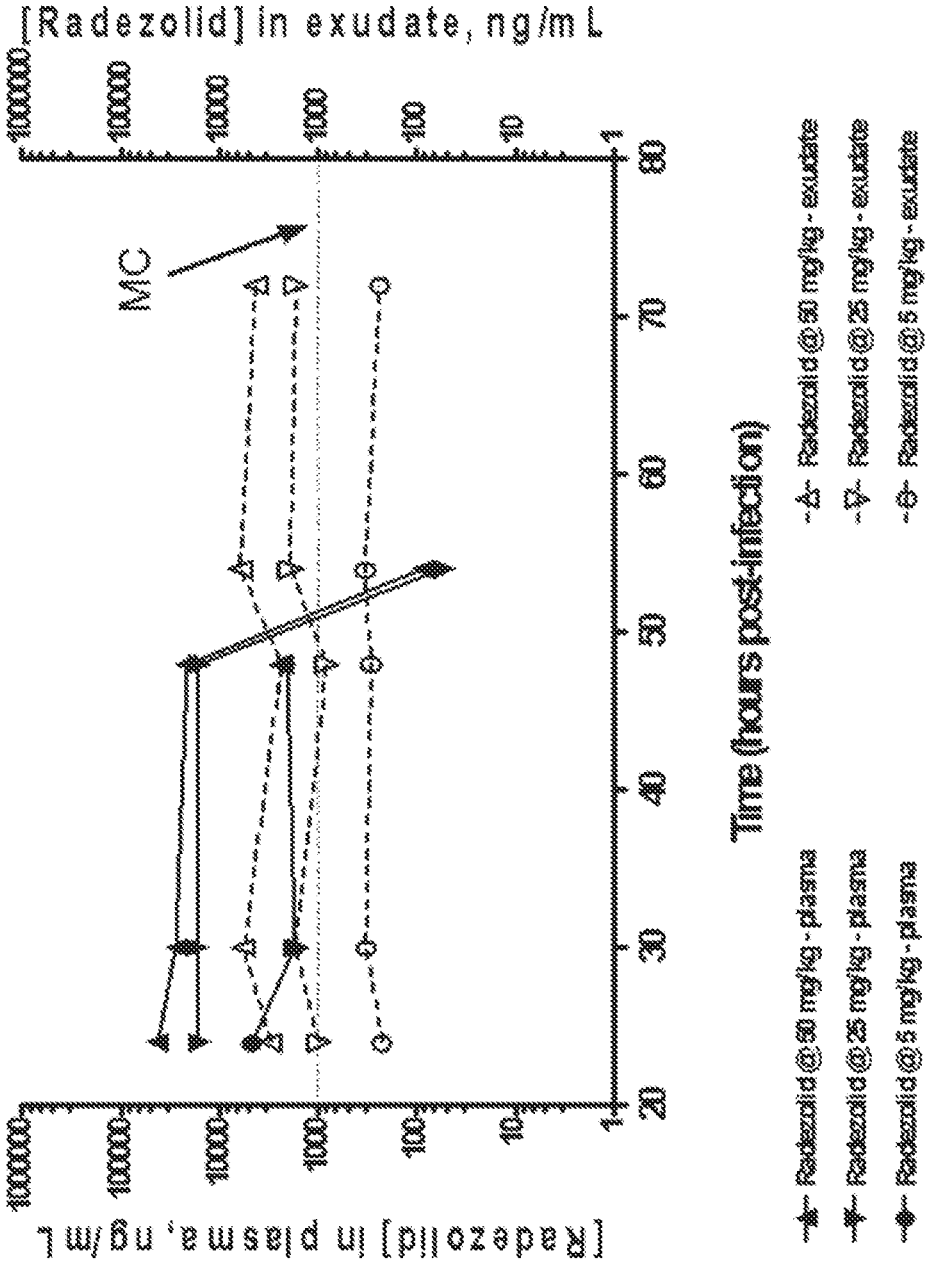

[Radezolid] in exudate, ng/mL
100000
10000
1000
100
10
1
MIC
[Radezolid] in plasma, ng/mL
100000
10000
1000
100
10
1
20
30
40
50
60
70
80
Time (hours post-infection)
Radezolid @ 50 mg/kg - exudate
Radezolid @ 25 mg/kg - exudate
Radezolid @ 5 mg/kg - exudate
Radezolid @ 50 mg/kg - plasma
Radezolid @ 25 mg/kg - plasma
Radezolid @ 5 mg/kg - plasma

FIG. 4

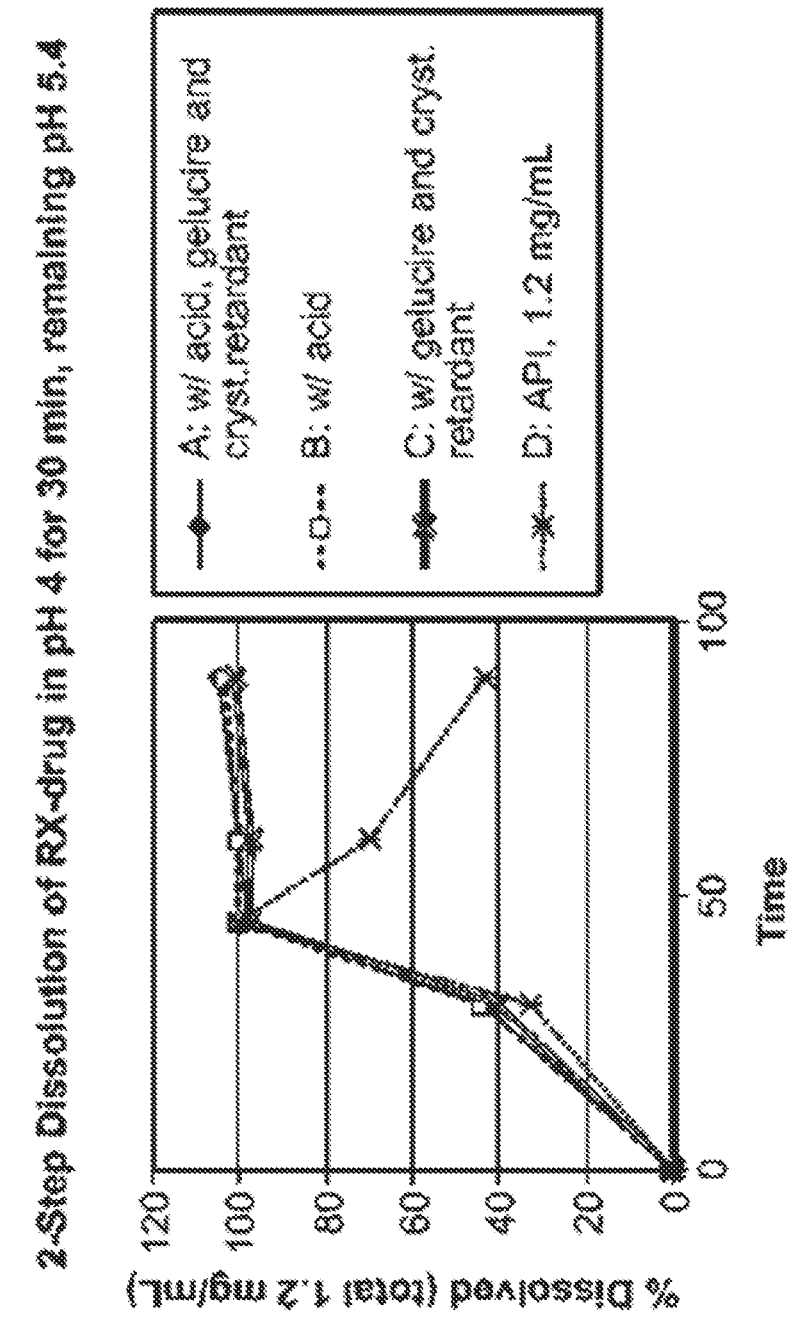

2-Step Dissolution of RX-drug in pH 4 for 30 min, remaining pH 5.4
% Dissolved (total 1.2 mg/mL)
120
100
80
60
40
20
0
0
50
100
Time
A; w/ acid, gelucire and cryst.retardant
B; w/ acid
C; w/ gelucire and cryst. retardant
D; API, 1.2 mg/mL

FIG. 5

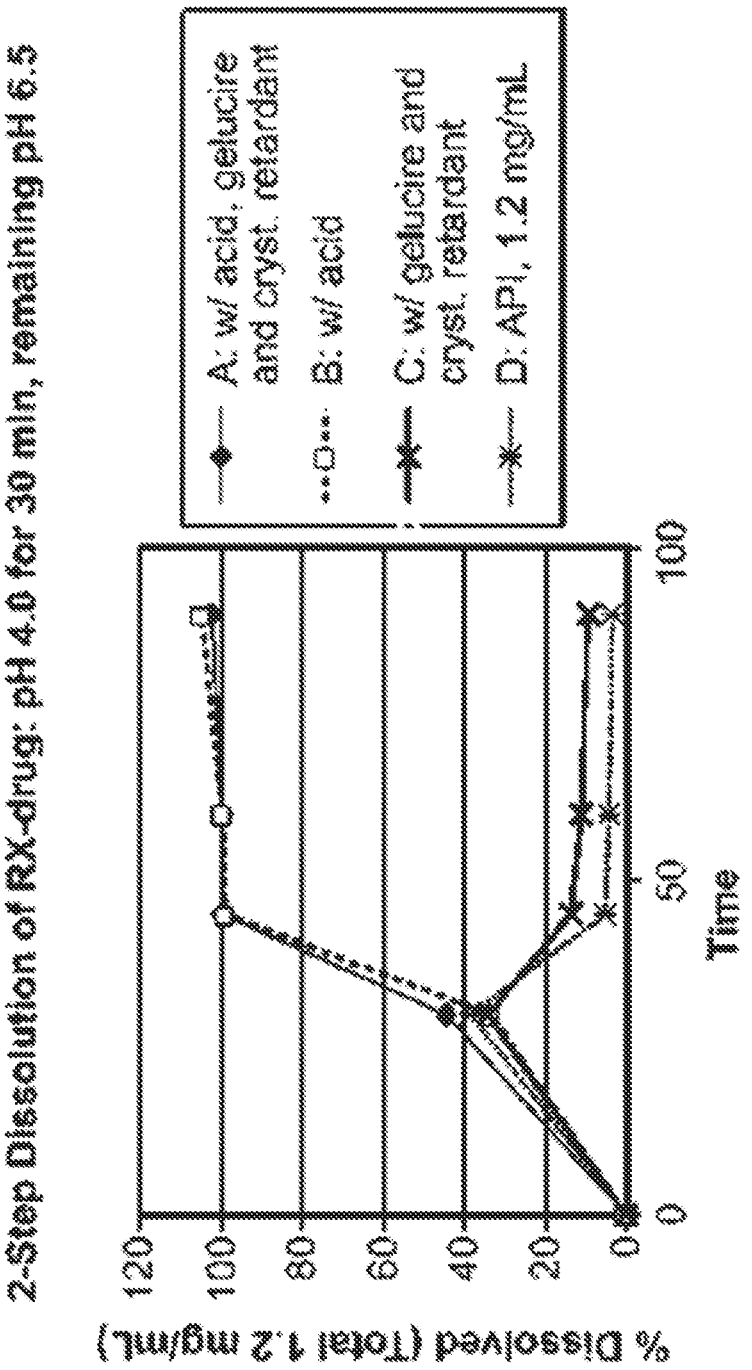

2-Step Dissolution of RX-drug: pH 4.0 for 30 min, remaining pH 6.5
% Dissolved (Total 1.2 mg/mL)
120
100
80
60
40
20
0
0
50
100
Time
A: w/ acid, gelucire and cryst. retardant
B: w/ acid
C: w/ gelucire and cryst. retardant
D: API, 1.2 mg/mL

FIG. 6

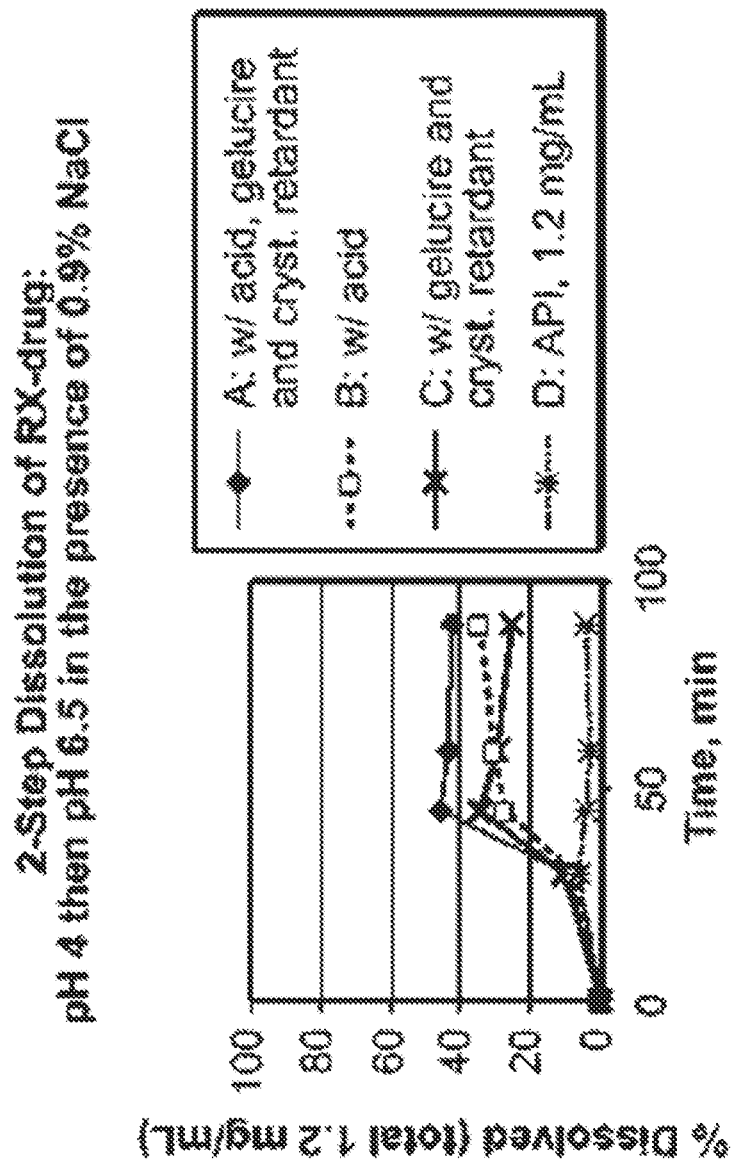

2-Step Dissolution of RX-drug:
pH 4 then pH 6.5 in the presence of 0.9% NaCl
A: w/ acid, gelucire and cryst. retardant
B: w/ acid
C: w/ gelucire and cryst. retardant
D: API, 1.2 mg/mL
% Dissolved (total 1.2 mg/mL)
100
80
60
40
20
0
0
50
100
Time, min

FIG. 7

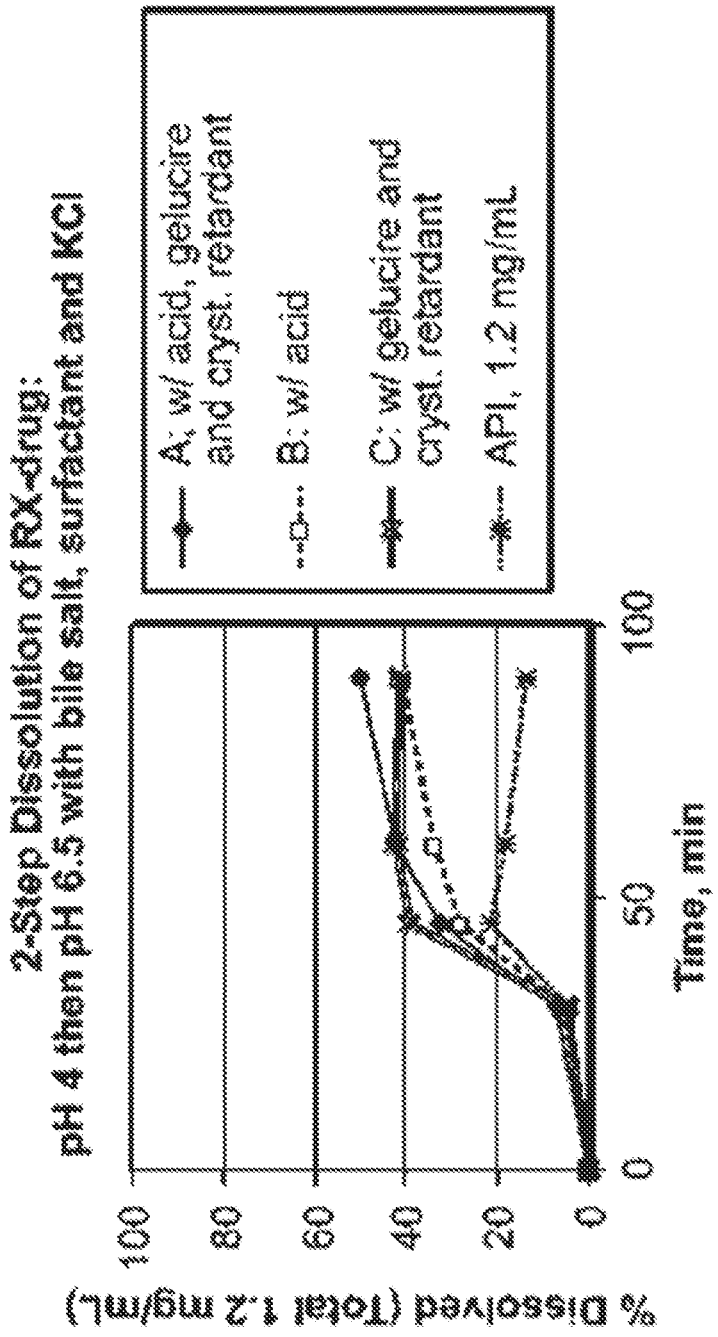
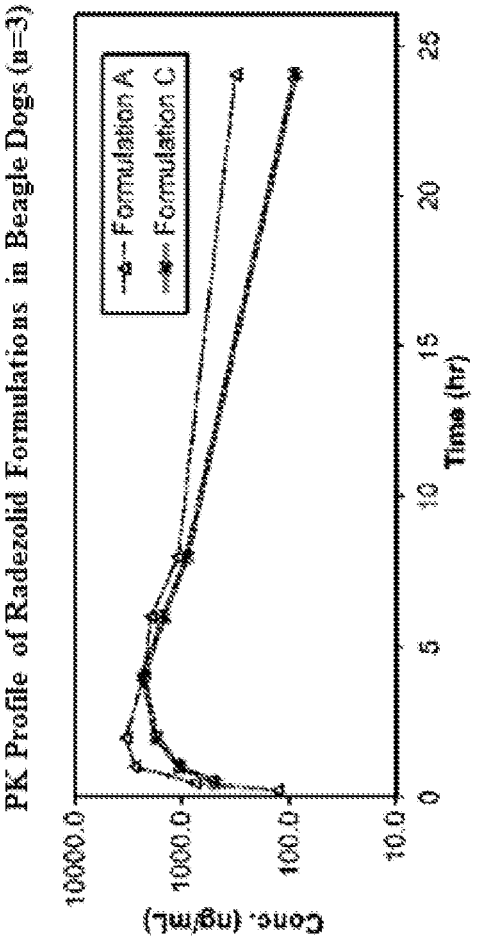

2-Step Dissolution of RX-drug:
pH 4 then pH 6.5 with bile salt, surfactant and KCl
A: w/ acid, gelucire and cryst. retardant
B: w/ acid
C: w/ gelucire and cryst. retardant
API, 1.2 mg/mL
% Dissolved (Total 1.2 mg/mL)
100
80
60
40
20
0
0
50
100
Time, min

FIG. 8



	Formula A	Formula C	Relative BE A / C
Cmax (ng/mL)	3652.6	2593.6	1.4
Tmax (hr)	1.7	2.7	0.6
T1/2 (hr)	7.7	4.7	1.6
AUC(0-inf) (ng*h/mL)	31481.0	18107.6	1.7

FIG. 9