Figures

1/9

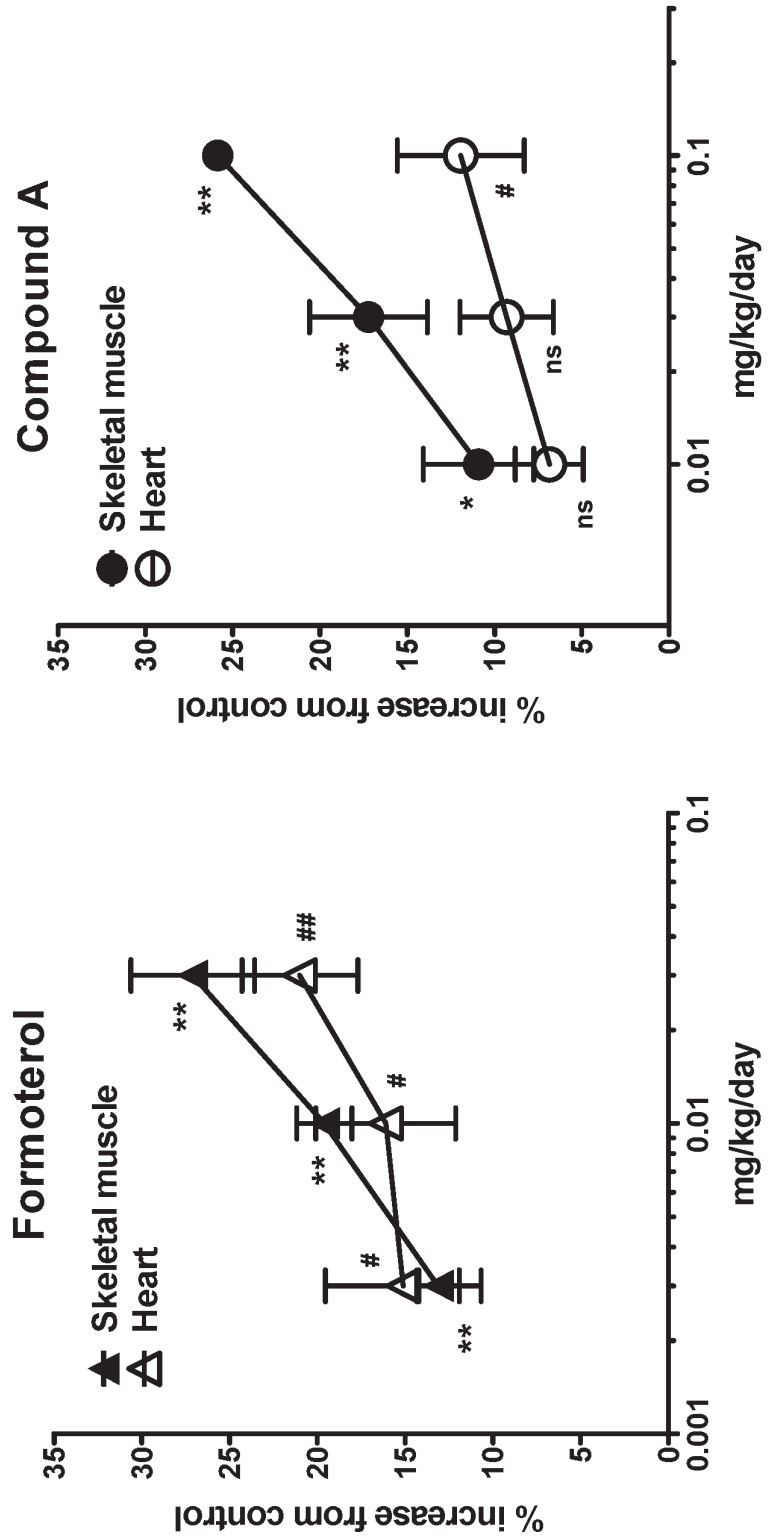


FIG 1

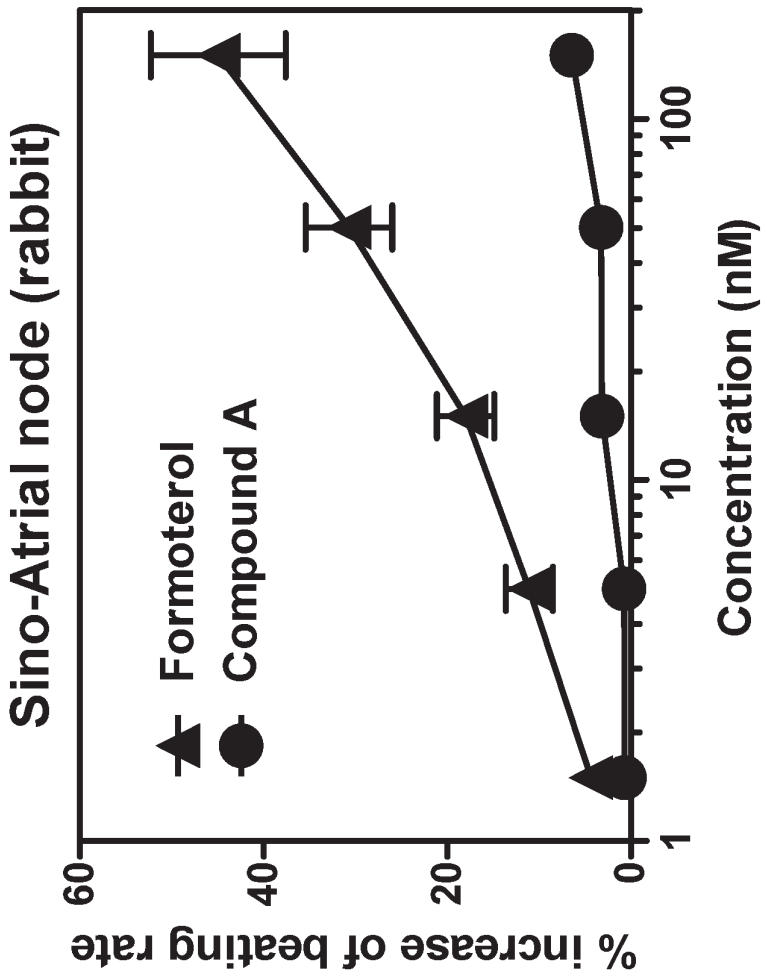

Sino-Atrial node (rabbit)
Formoterol
Compound A
% increase of beating rate
0
20
40
60
1
10
100
Concentration (nM)

FIG 2a

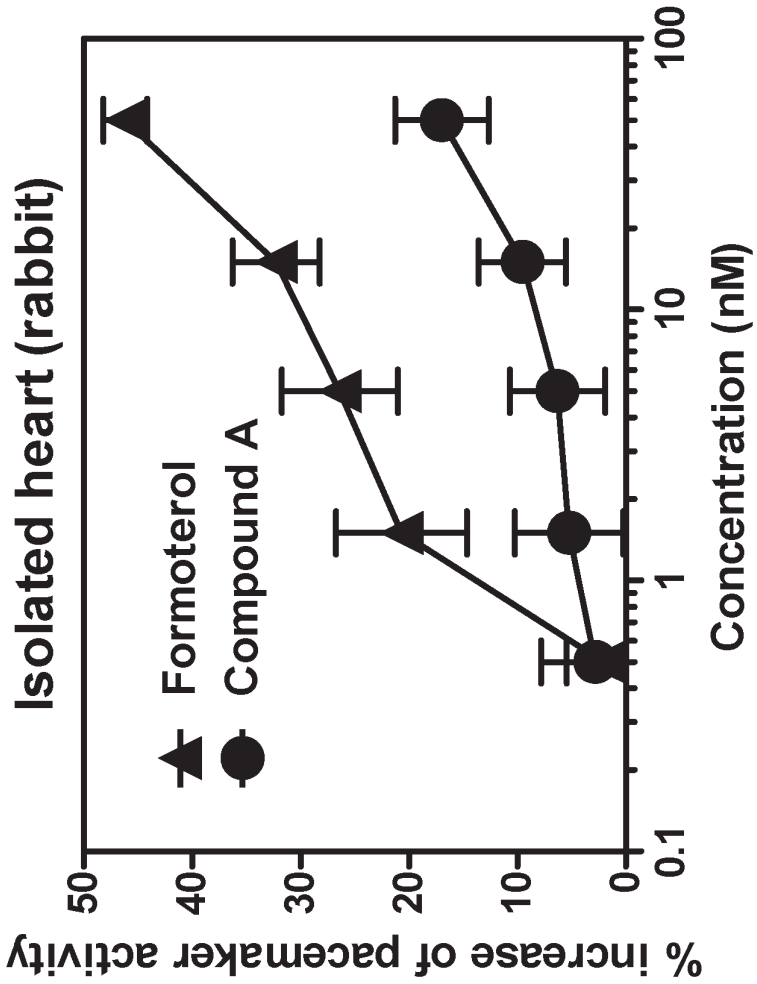

Isolated heart (rabbit)
Formoterol
Compound A
% increase of pacemaker activity
0
10
20
30
40
50
0.1
1
10
100
Concentration (nM)

FIG 2b

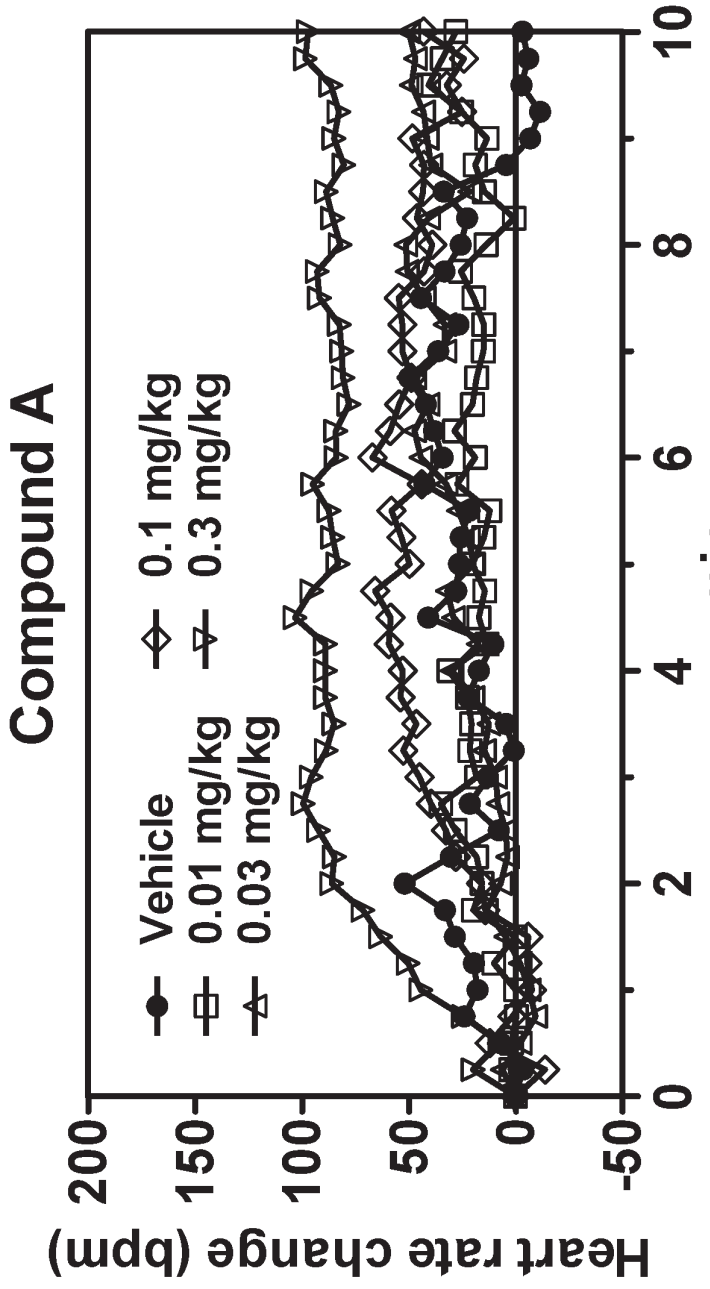

Compound A
Vehicle
0.01 mg/kg
0.03 mg/kg
0.1 mg/kg
0.3 mg/kg
Heart rate change (bpm)
200
150
100
50
0
-50
0
2
4
6
8
10
min

FIG 3a

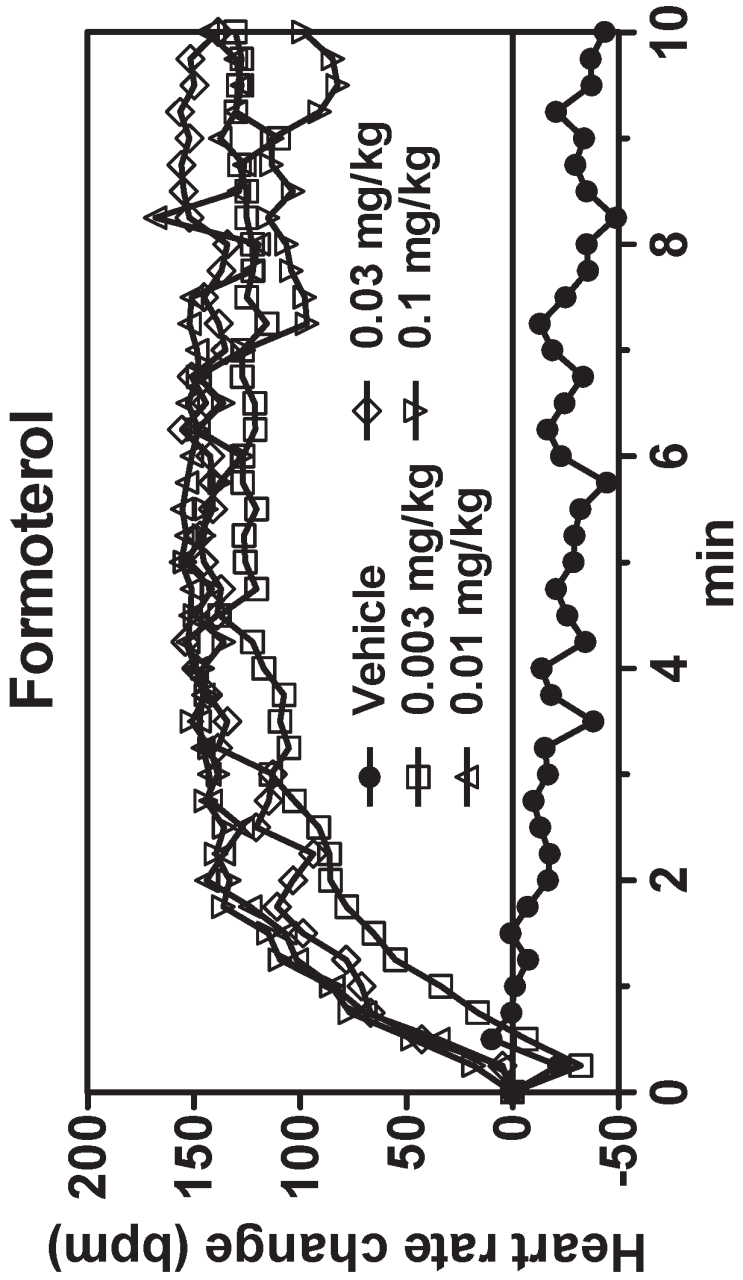

Formoterol
Heart rate change (bpm)
200
150
100
50
0
-50
0
2
4
6
8
10
min
Vehicle
0.003 mg/kg
0.01 mg/kg
0.03 mg/kg
0.1 mg/kg

FIG 3b

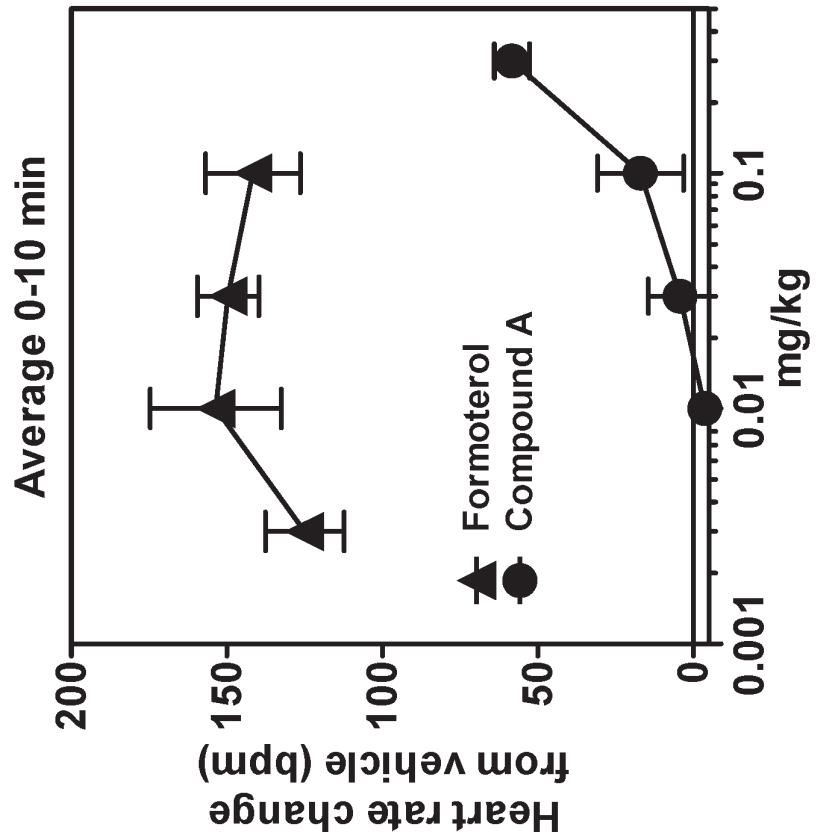

Average 0-10 min
Heart rate change from vehicle (bpm)
200
150
100
50
0
0.001
0.01
0.1
mg/kg
Formoterol
Compound A

FIG 3c

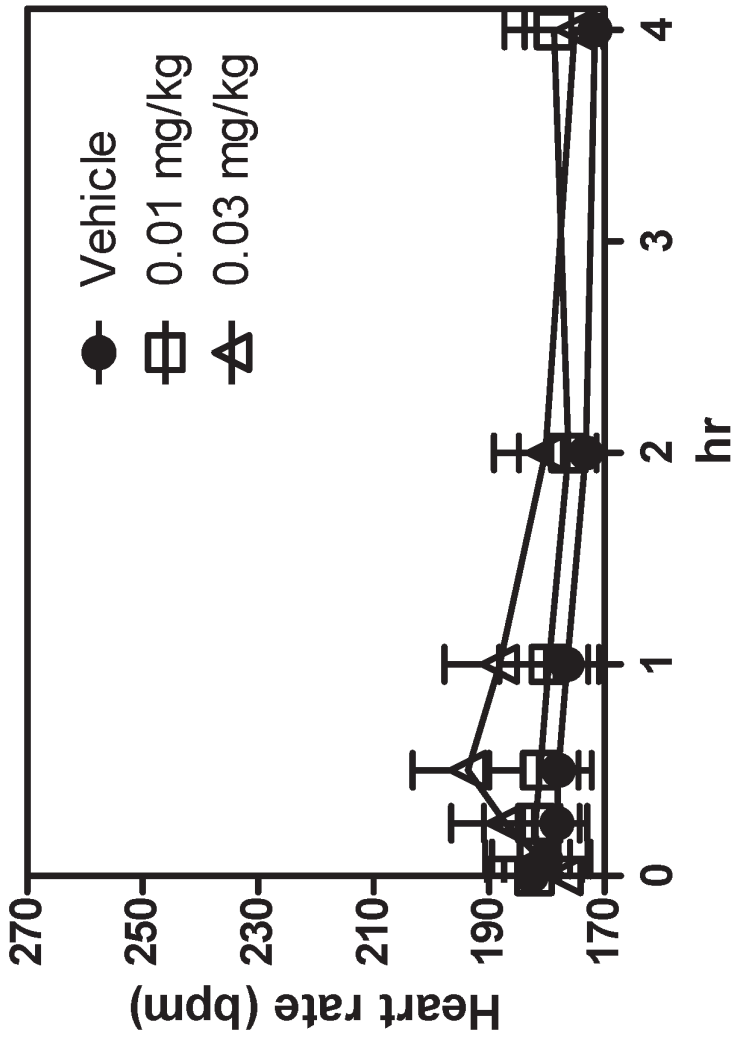

Compound A
Vehicle
0.01 mg/kg
0.03 mg/kg
Heart rate (bpm)
270
250
230
210
190
170
0
1
2
3
4
hr

FIG 4a

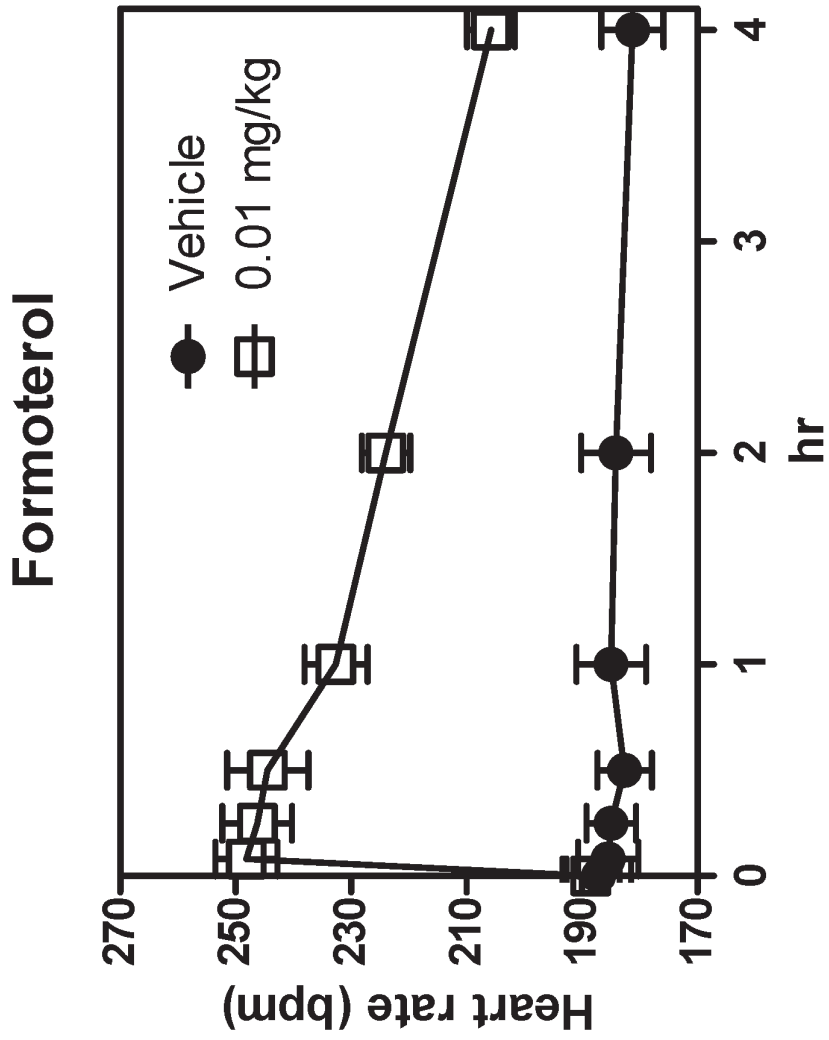

Formoterol
Vehicle
0.01 mg/kg
Heart rate (bpm)
270
250
230
210
190
170
0
1
2
3
4
hr

FIG 4b

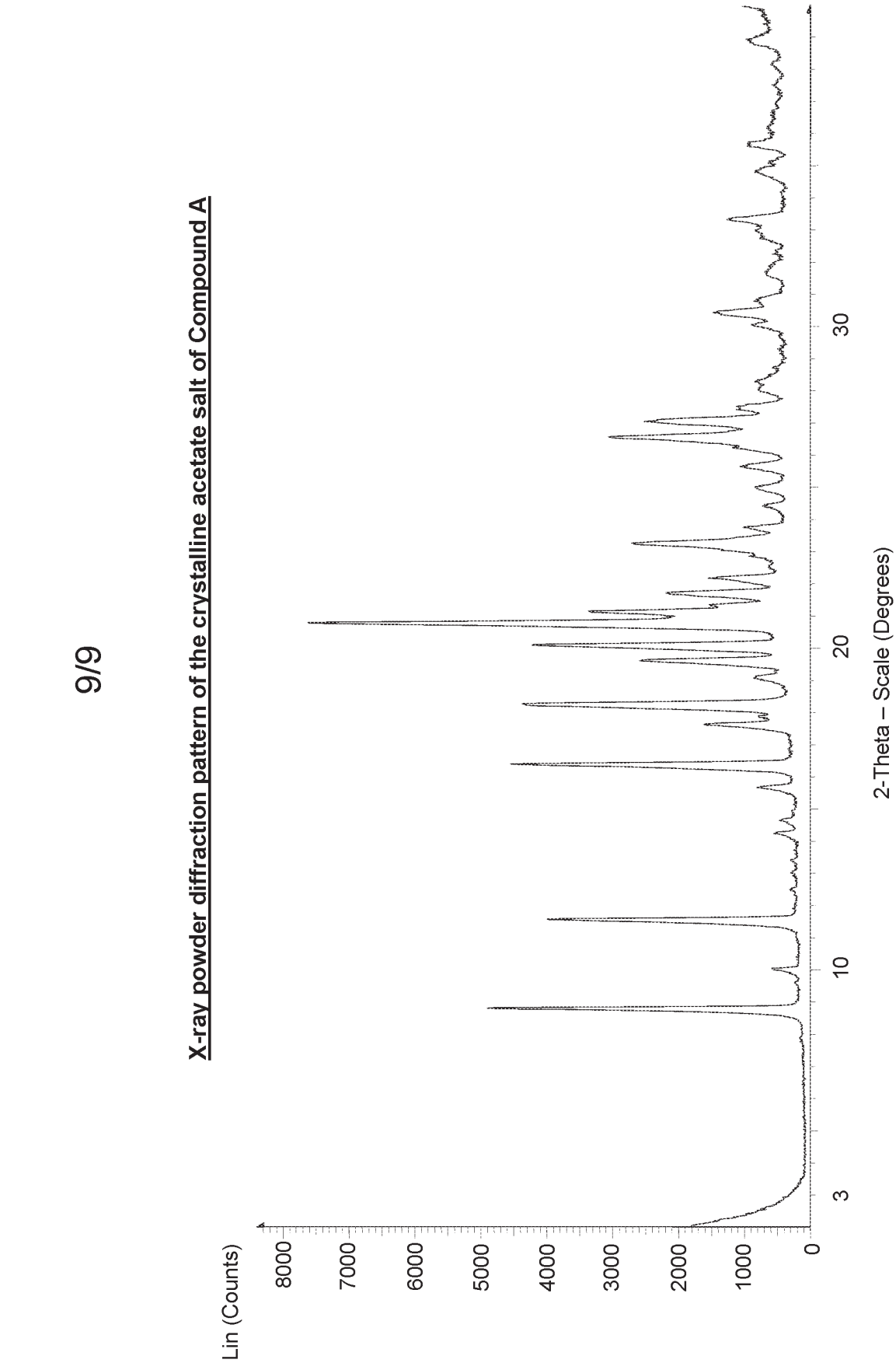

X-ray powder diffraction pattern of the crystalline acetate salt of Compound A
Lin (Counts)
8000
7000
6000
5000
4000
3000
2000
1000
0
3
10
20
30
2-Theta – Scale (Degrees)

FIG 5