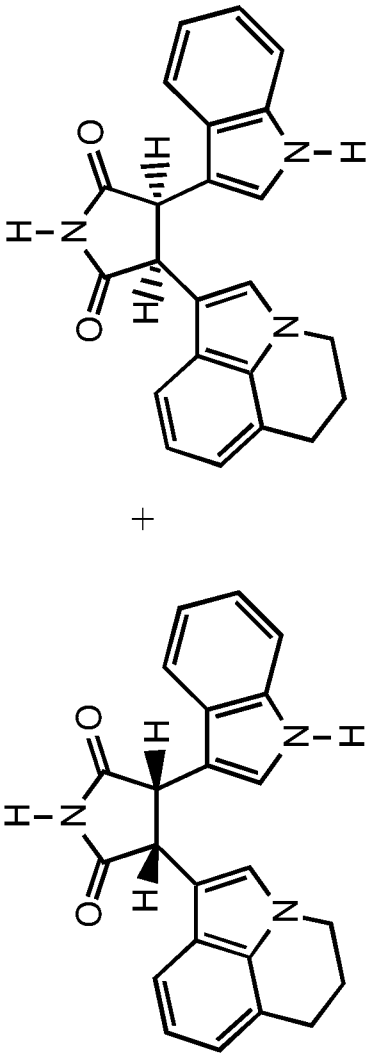
(±)-cis-3-(5,6-dihydro-4H-pyrrolo [3,2,1-ij] quinolin-1yl)-4(1H-indol-3-yl) pyrrolidine-2, 5-dione



(±)-trans-3-(5,6-dihydro-4H-pyrrolo [3,2,1-ij] quinolin-1-yl)-4(1H-indol-3-yl) pyrrolidine-2, 5-dione.

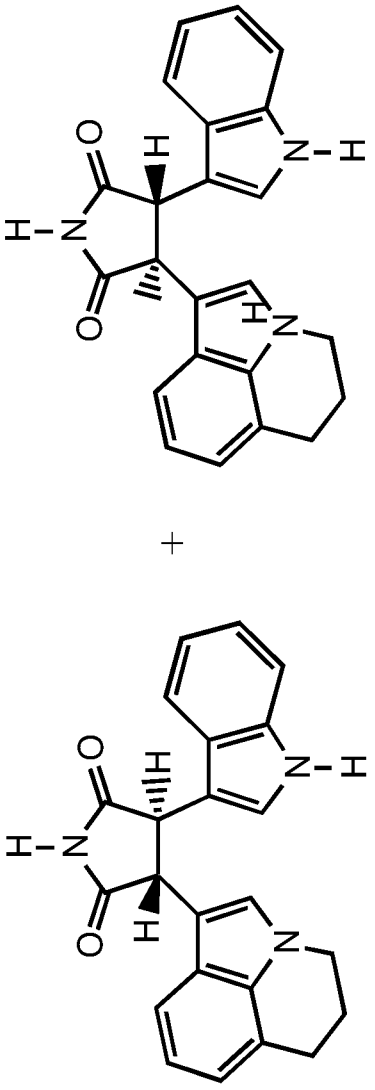
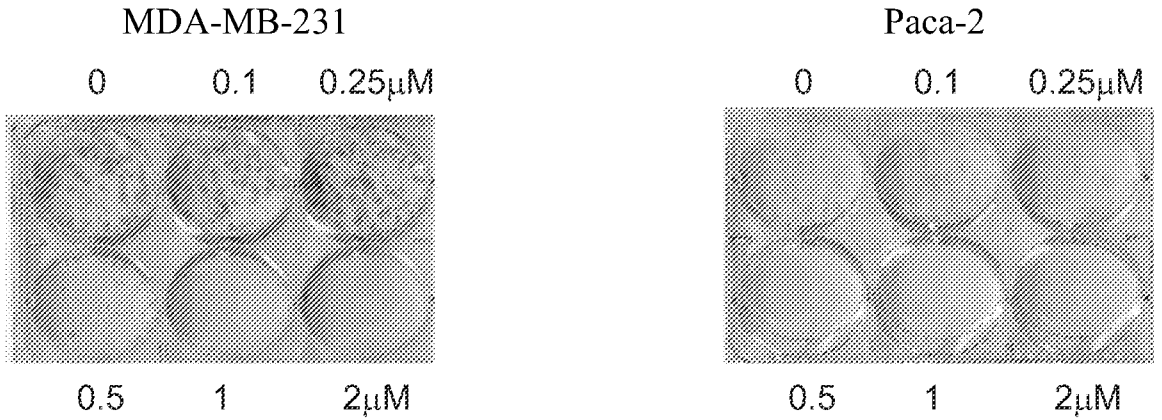


FIG. 1

(±)-trans-3-(5,6-dihydro-4*H*-pyrrolo [3,2,1- *ij*] quinolin-1-yl)-4-(1*H*-indol-3-yl) pyrrolidine-2, 5-dione



(±)-cis-3-(5,6-dihydro-4*H*-pyrrolo [3,2,1-*ij*] quinolin-1yl)-4-(1*H*-indol-3-yl) pyrrolidine-2, 5-dione

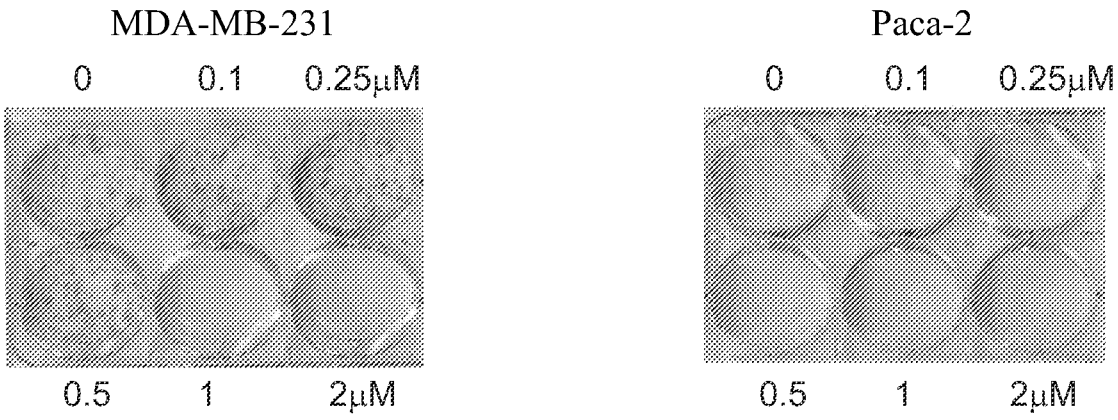
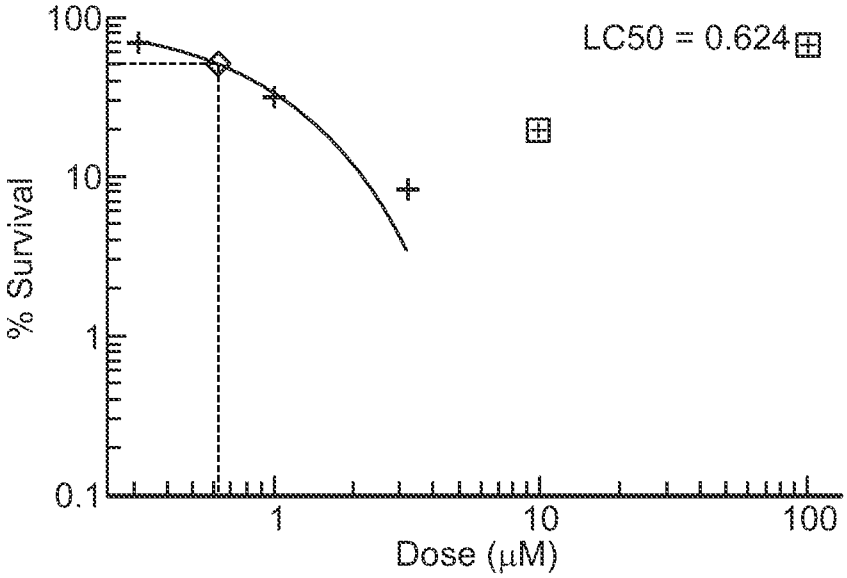


FIG. 2

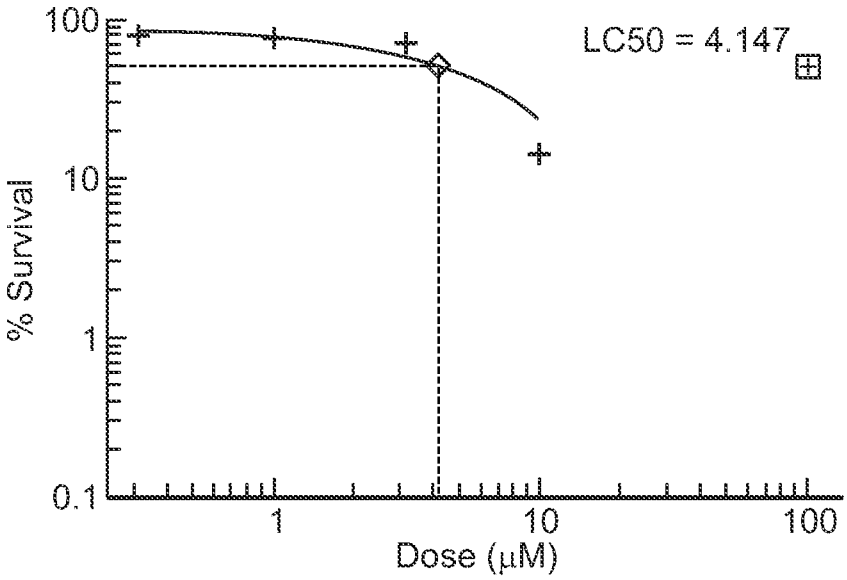
SUBSTITUTE SHEET (RULE 26)

(-)-trans-3-(5,6-dihydro-4*H*-pyrrolo [3,2,1-*ij*] quinolin-1-yl)-4-(1*H*-indol-3-yl) pyrrolidine-2, 5-dione



LC_{50} = 0.62 μM

(+)-trans-3-(5,6-dihydro-4*H*-pyrrolo [3,2,1-*ij*] quinolin-1-yl)-4-(1*H*-indol-3-yl) pyrrolidine-2, 5-dione



LC_{50} = 4.1 μM

FIG. 3

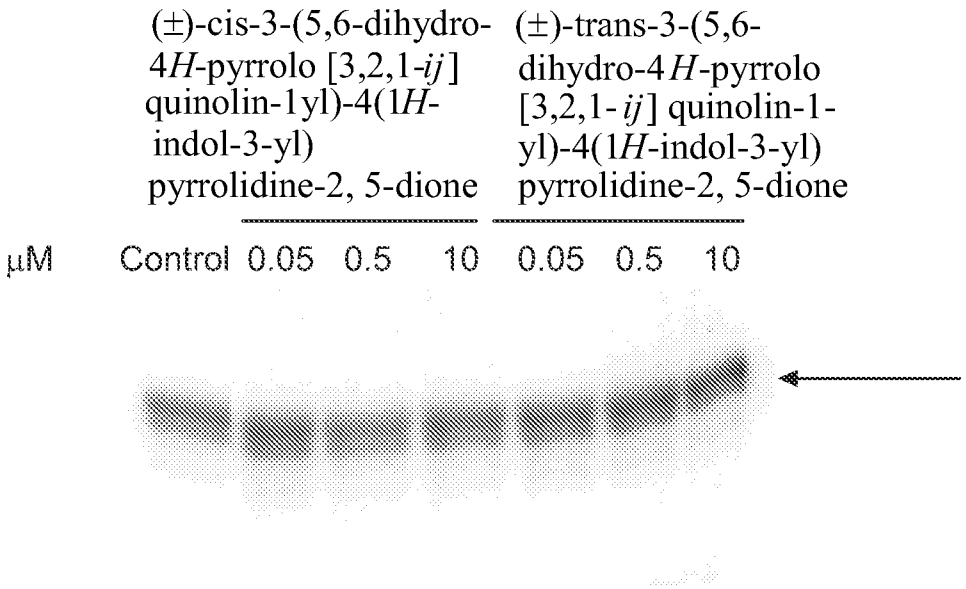

(±)-cis-3-(5,6-dihydro-4H-pyrrolo [3,2,1-ij] quinolin-1yl)-4(1H-indol-3-yl) pyrrolidine-2, 5-dione
(±)-trans-3-(5,6-dihydro-4H-pyrrolo [3,2,1-ij] quinolin-1-yl)-4(1H-indol-3-yl) pyrrolidine-2, 5-dione
μM
Control
0.05
0.5
10
0.05
0.5
10

FIG. 4

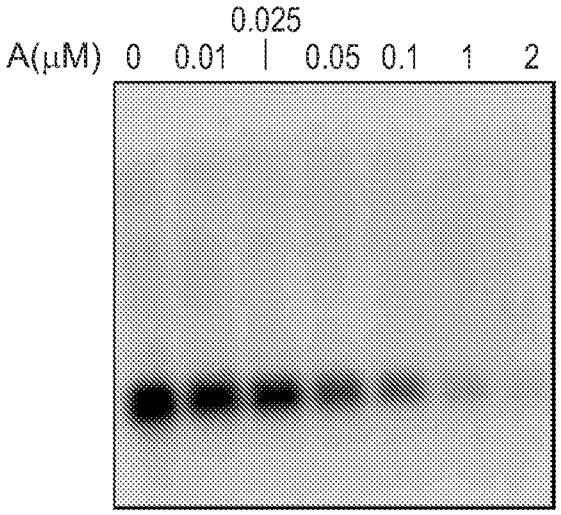
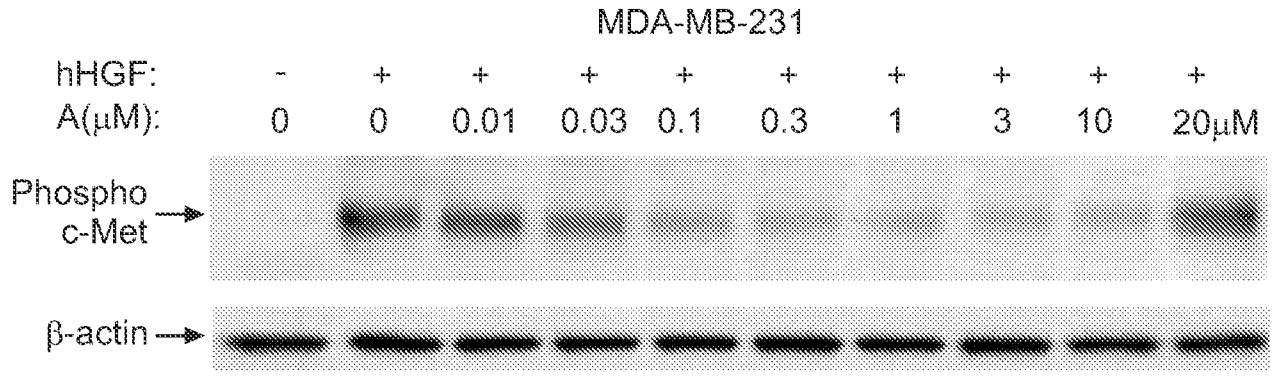


FIG. 5A



A= (-)-trans-3-(5,6-dihydro-4*H*-pyrrolo [3,2,1-*ij*] quinolin-1-yl)-4-(1*H*-indol-3-yl) pyrrolidine-2, 5-dione

B= (+)-trans-3-(5,6-dihydro-4*H*-pyrrolo [3,2,1-*ij*] quinolin-1-yl)-4-(1*H*-indol-3-yl) pyrrolidine-2, 5-dione

FIG. 5B

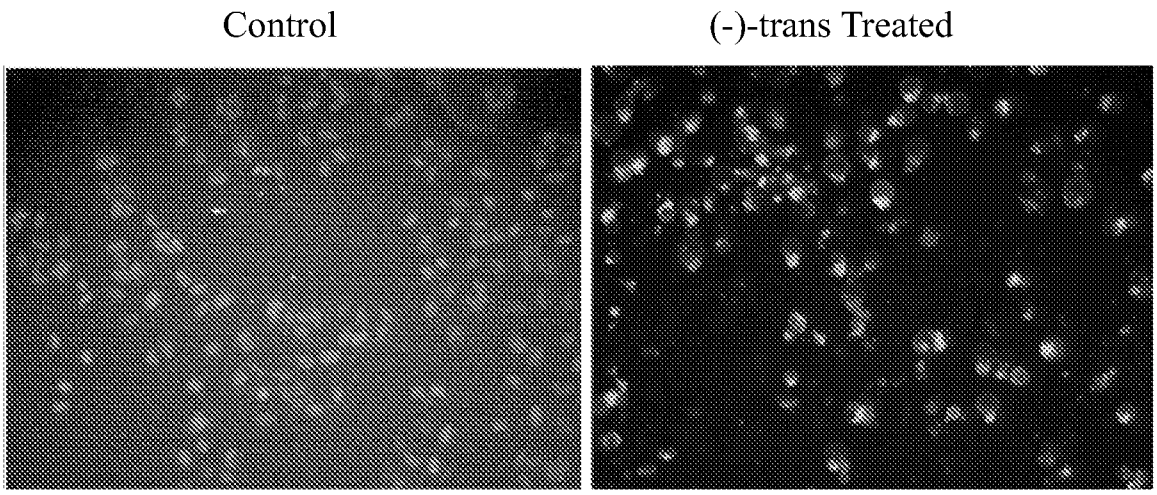

Control
(-)-trans Treated

FIG. 6

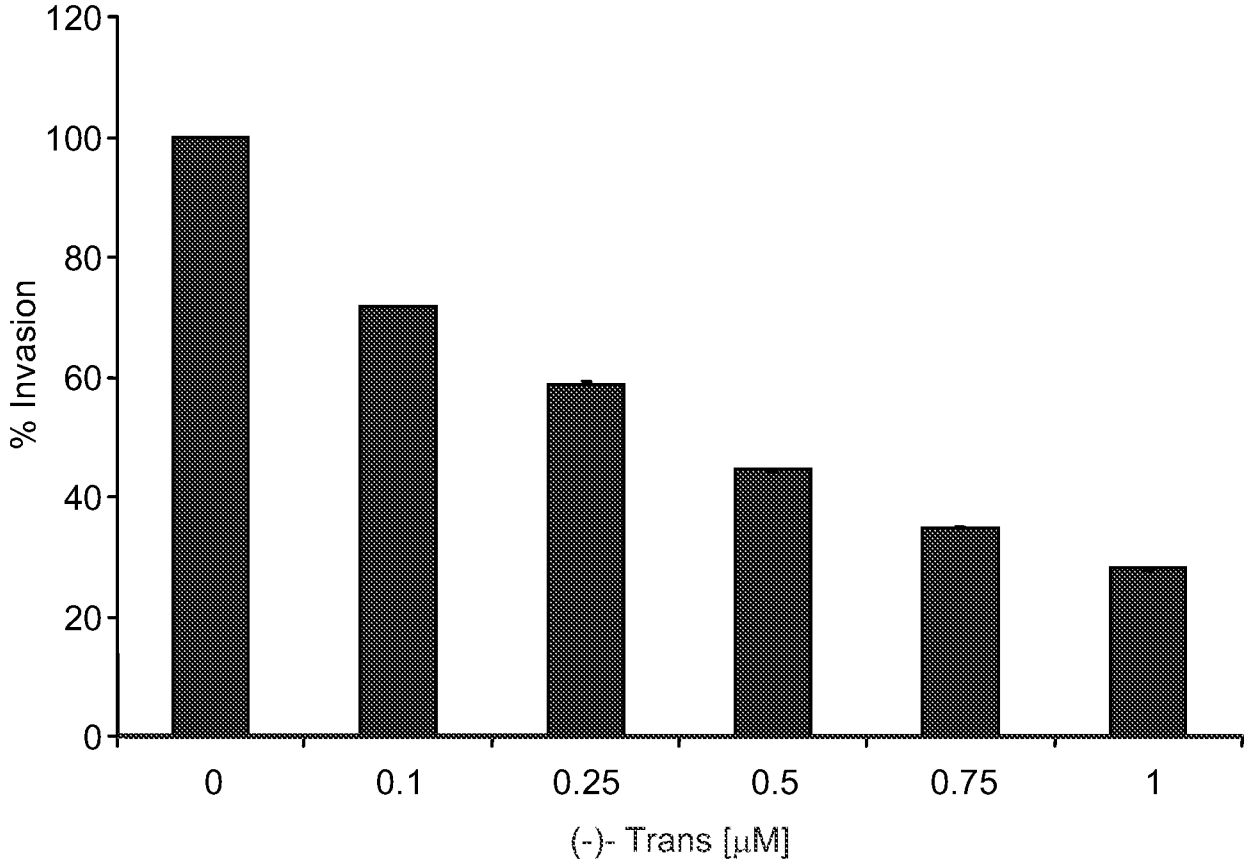

120
100
80
60
40
20
0
% Invasion
0
0.1
0.25
0.5
0.75
1
(-)- Trans [µM]

FIG. 7

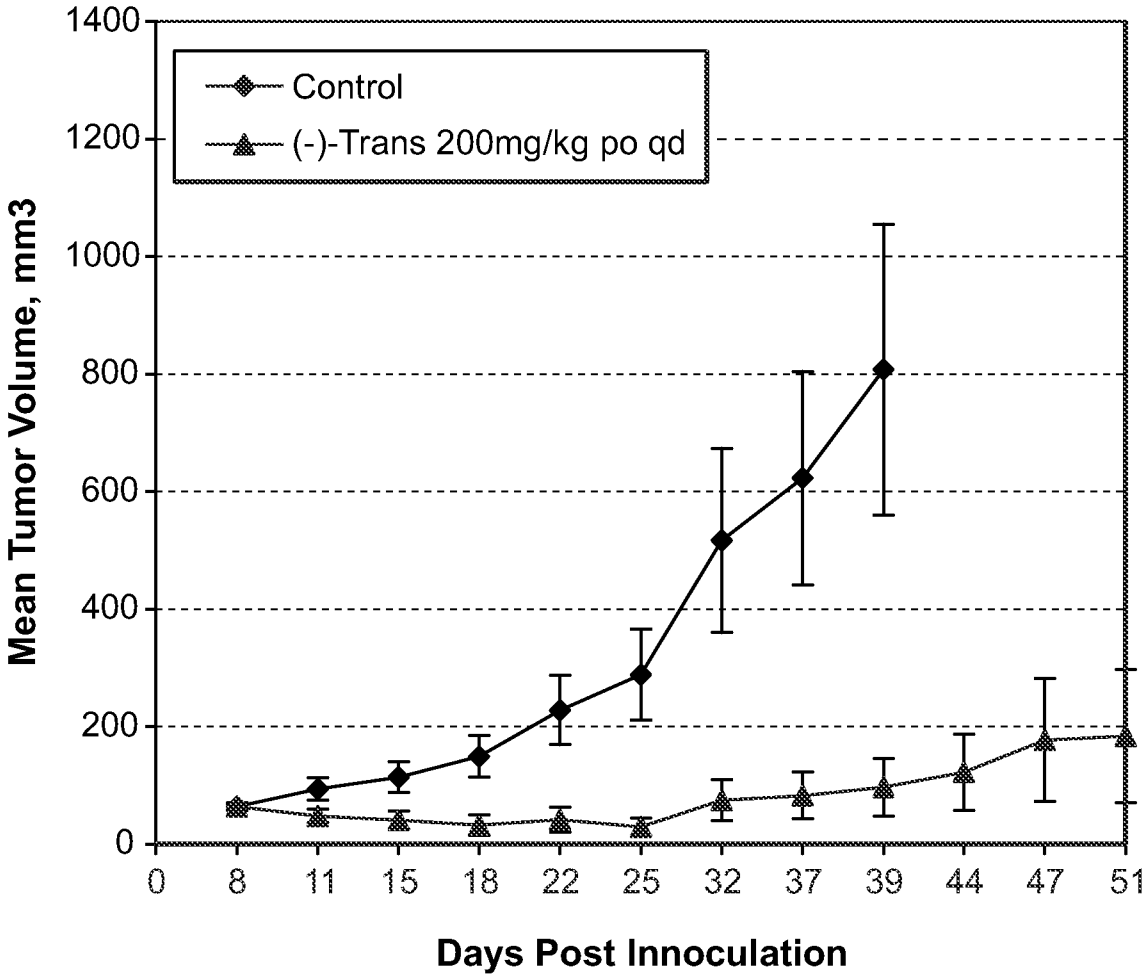

Control
(-)-Trans 200mg/kg po qd
Mean Tumor Volume, mm3
1400
1200
1000
800
600
400
200
0
0
8
11
15
18
22
25
32
37
39
44
47
51
Days Post Innoculation

FIG. 8

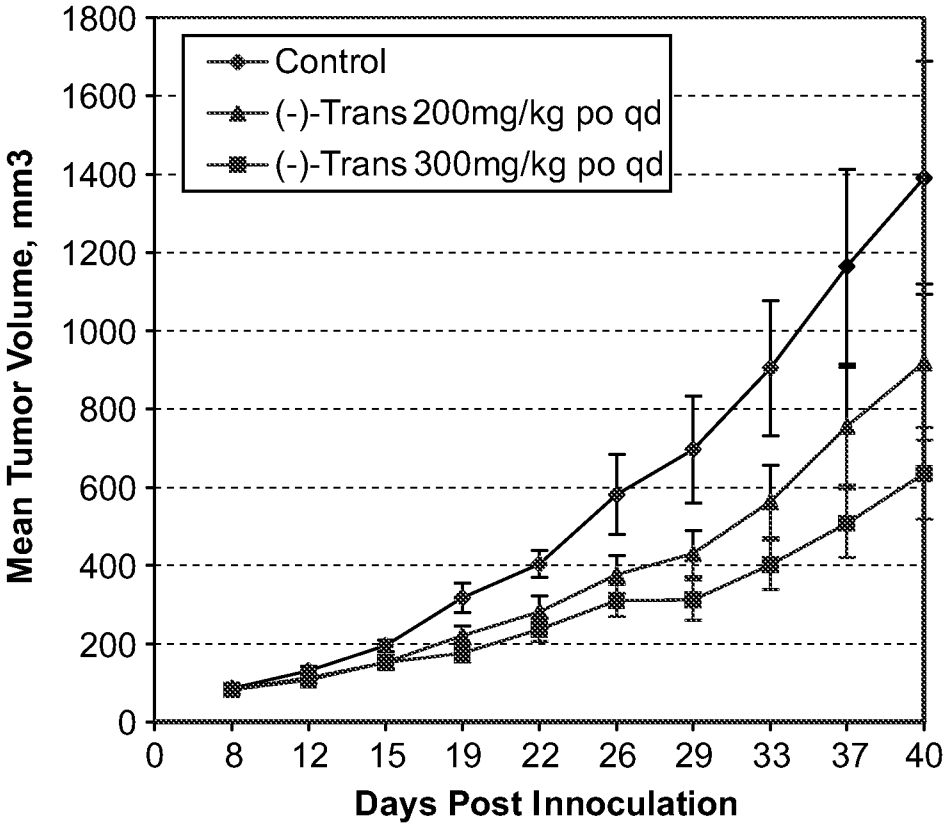

Control
(-)-Trans 200mg/kg po qd
(-)-Trans 300mg/kg po qd
Mean Tumor Volume, mm3
1800
1600
1400
1200
1000
800
600
400
200
0
0
8
12
15
19
22
26
29
33
37
40
Days Post Innoculation

FIG. 9A

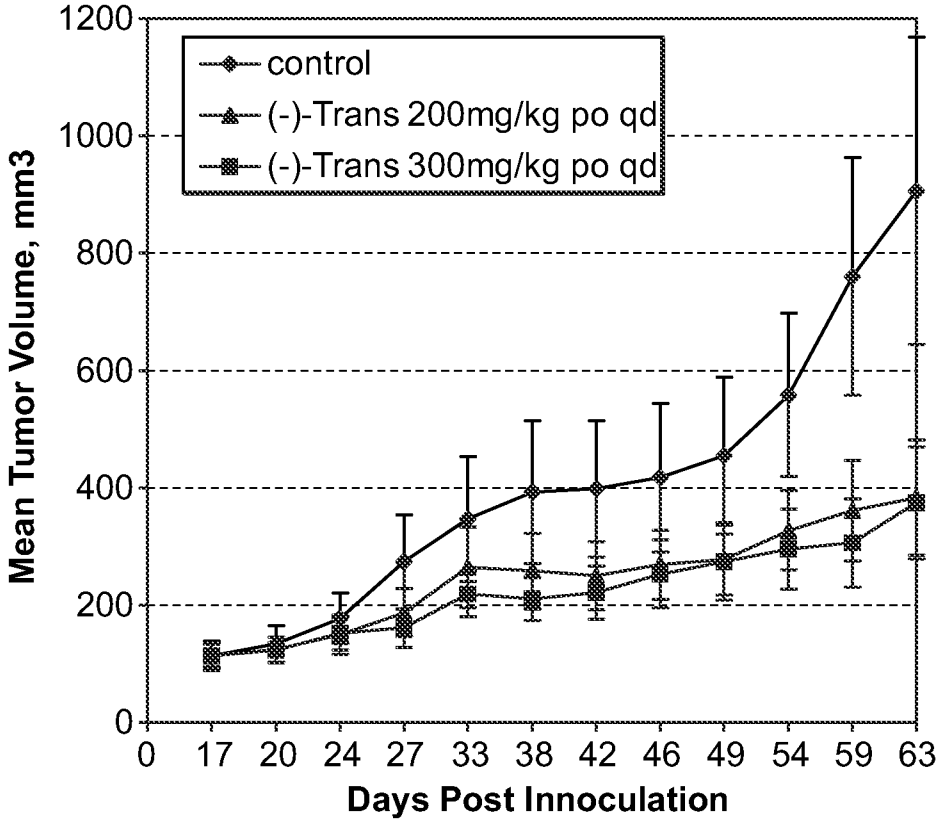

control
(-)-Trans 200mg/kg po qd
(-)-Trans 300mg/kg po qd
Mean Tumor Volume, mm3
1200
1000
800
600
400
200
0
0
17
20
24
27
33
38
42
46
49
54
59
63
Days Post Innoculation

FIG. 9B

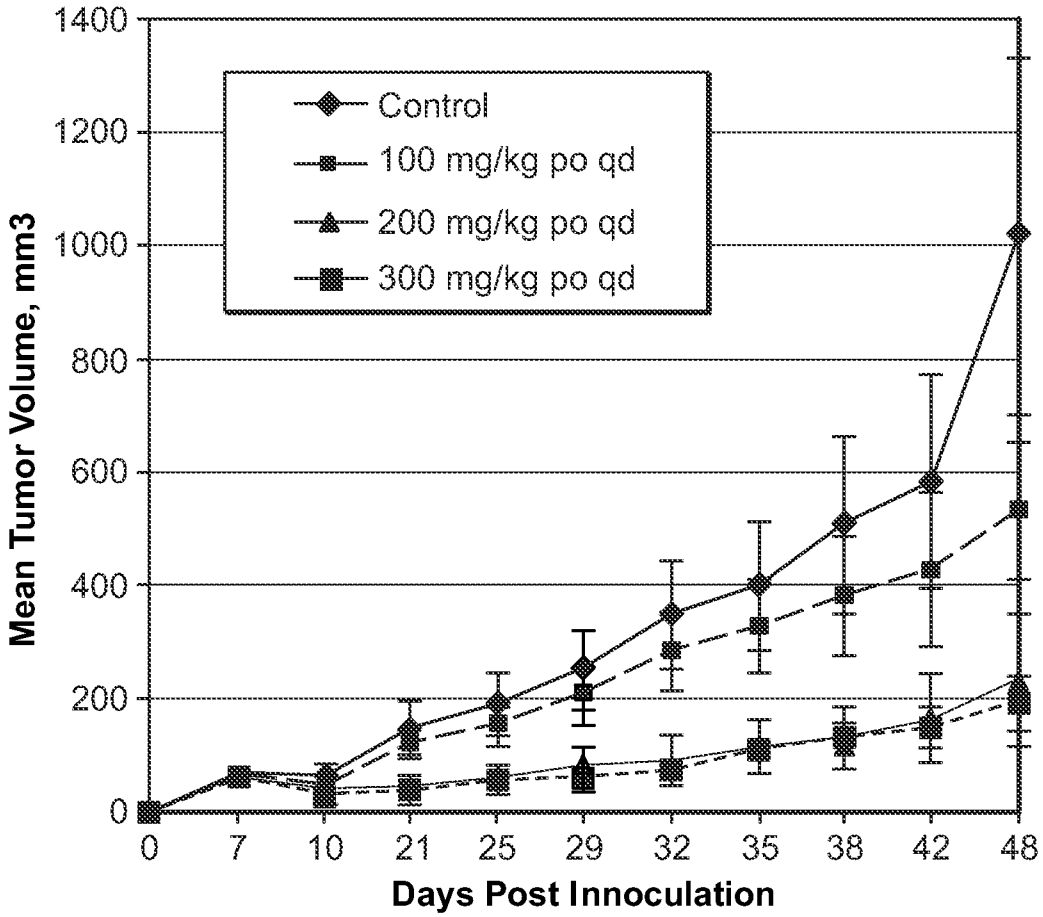

Control
100 mg/kg po qd
200 mg/kg po qd
300 mg/kg po qd
Mean Tumor Volume, mm3
Days Post Innoculation
0
200
400
600
800
1000
1200
1400
0
7
10
21
25
29
32
35
38
42
48

FIG. 9C

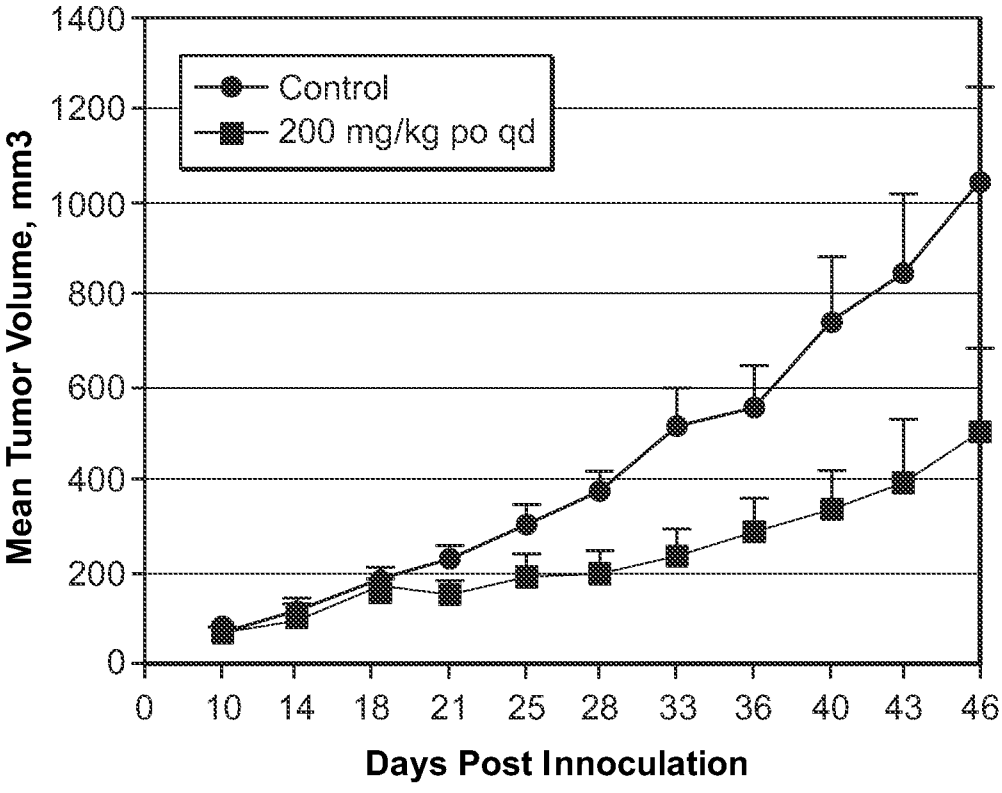
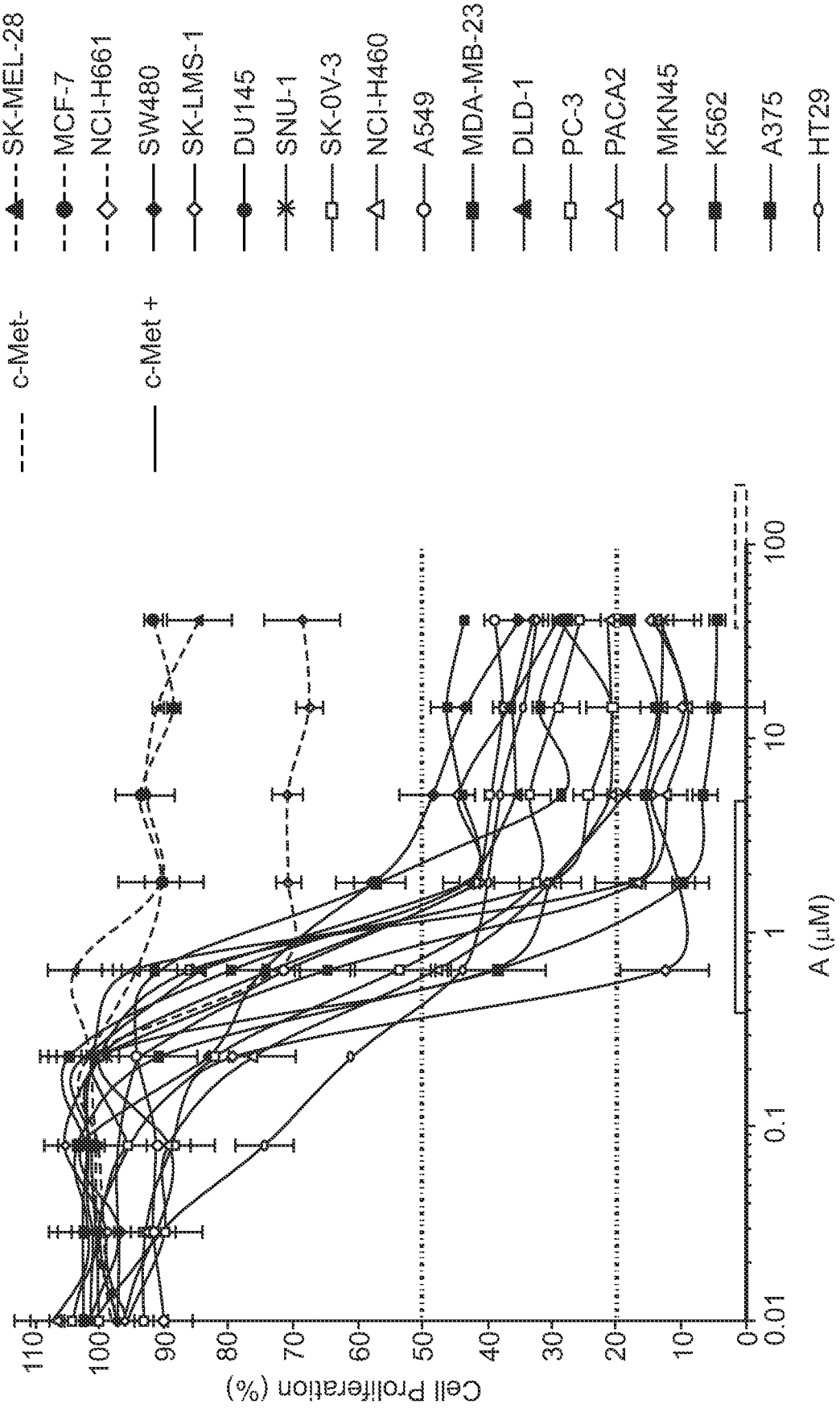

Control
200 mg/kg po qd
Mean Tumor Volume, mm3
Days Post Innoculation
0
200
400
600
800
1000
1200
1400
0
10
14
18
21
25
28
33
36
40
43
46

FIG. 9D



A= (-)-trans-3-(5,6-dihydro-4*H*-pyrrolo [3,2,1-*ij*] quinolin-1-yl)-4-(1*H*-indol-3-yl) pyrrolidine-2, 5-dione

FIG. 10

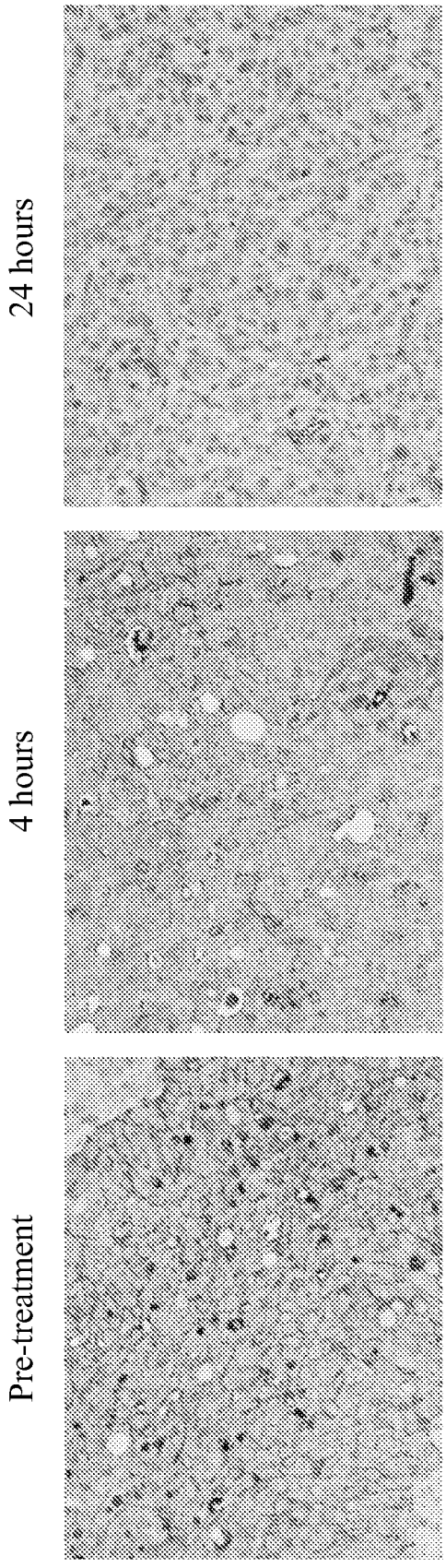
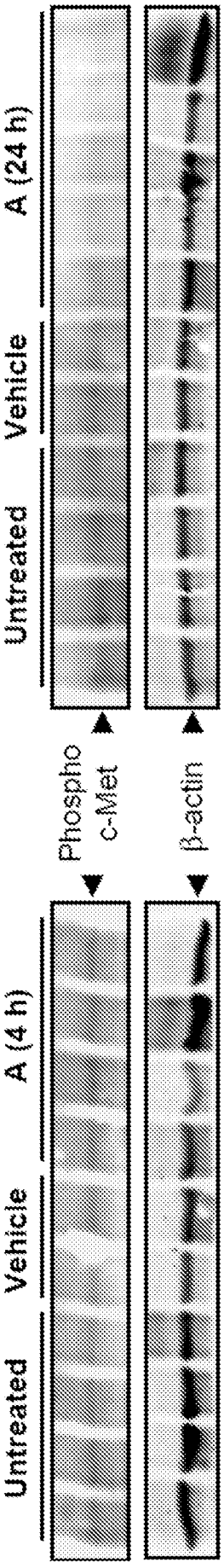


FIG. 11A



A= (-)-trans-3-(5,6-dihydro-4*H*-pyrrolo [3,2,1-*ij*] quinolin-1-yl)-4-(1*H*-indol-3-yl) pyrrolidine-2, 5-dione

FIG. 11B

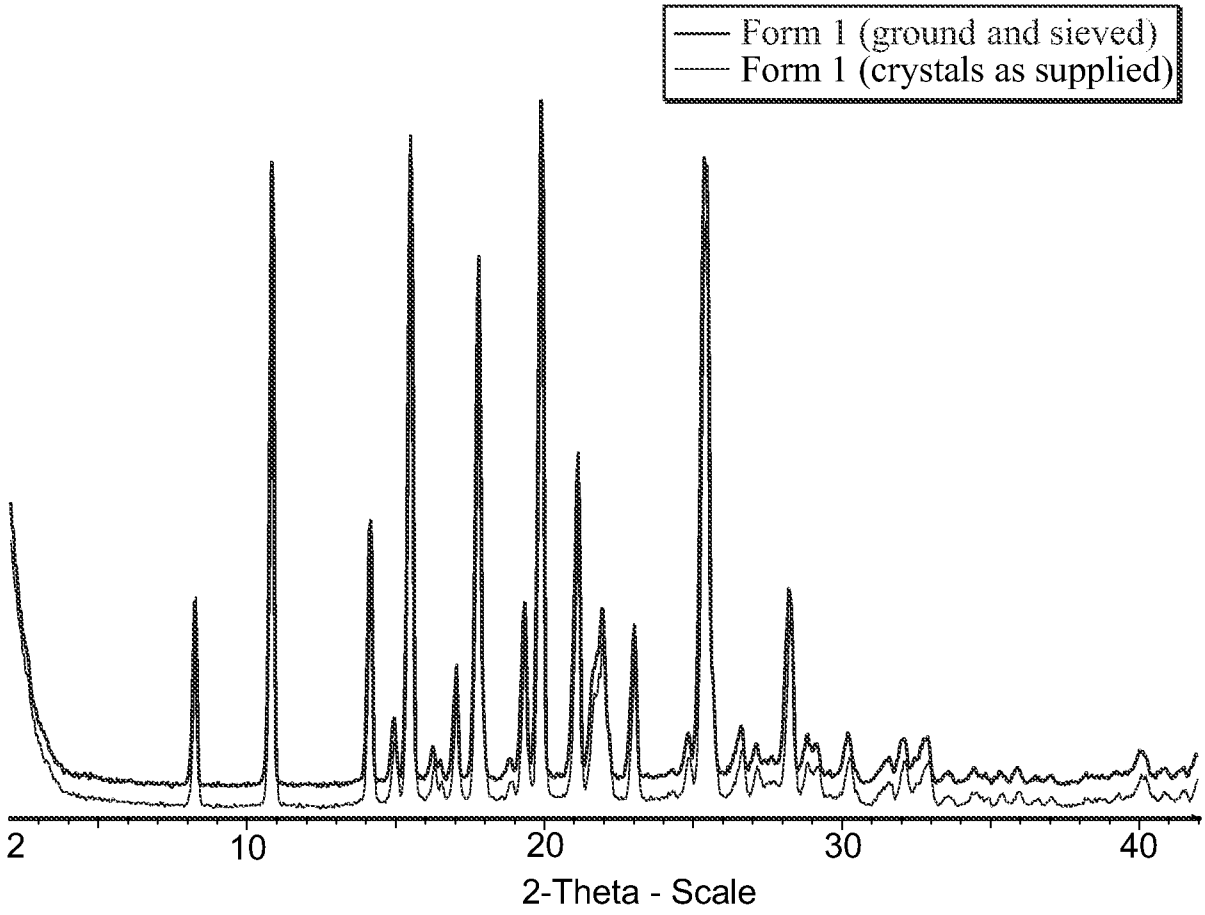


FIG. 12A

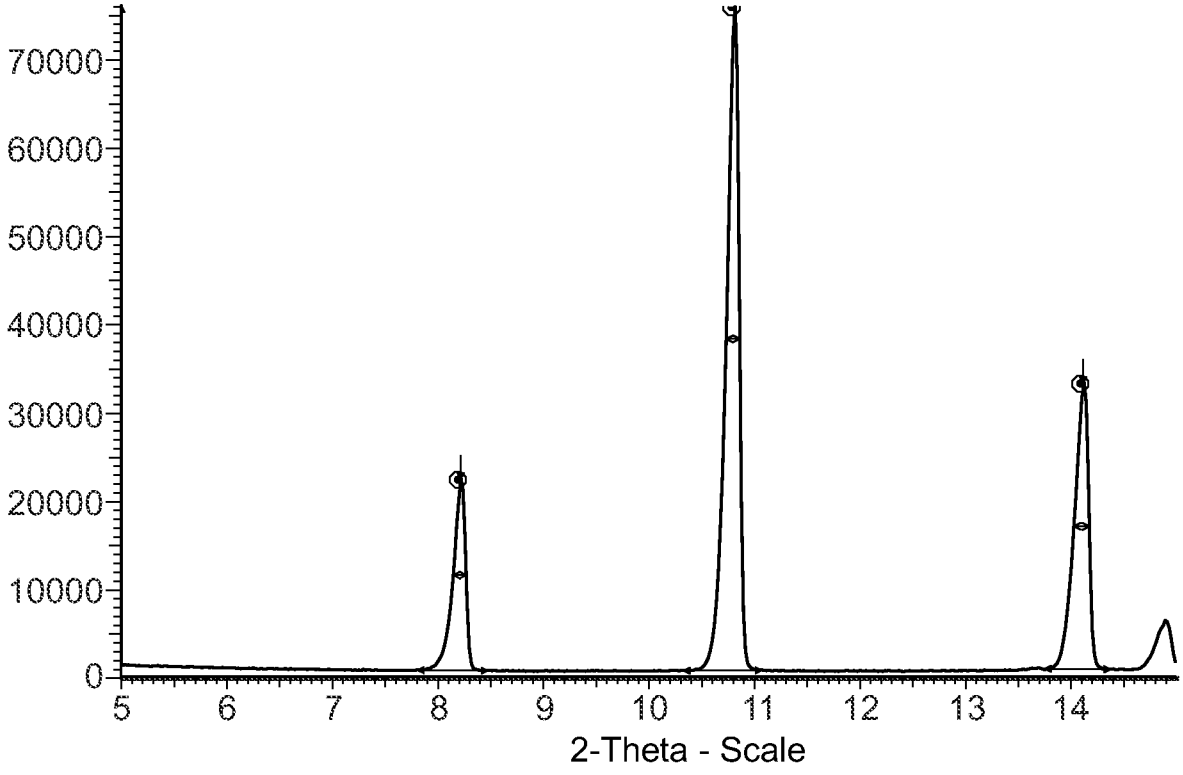


FIG. 12B

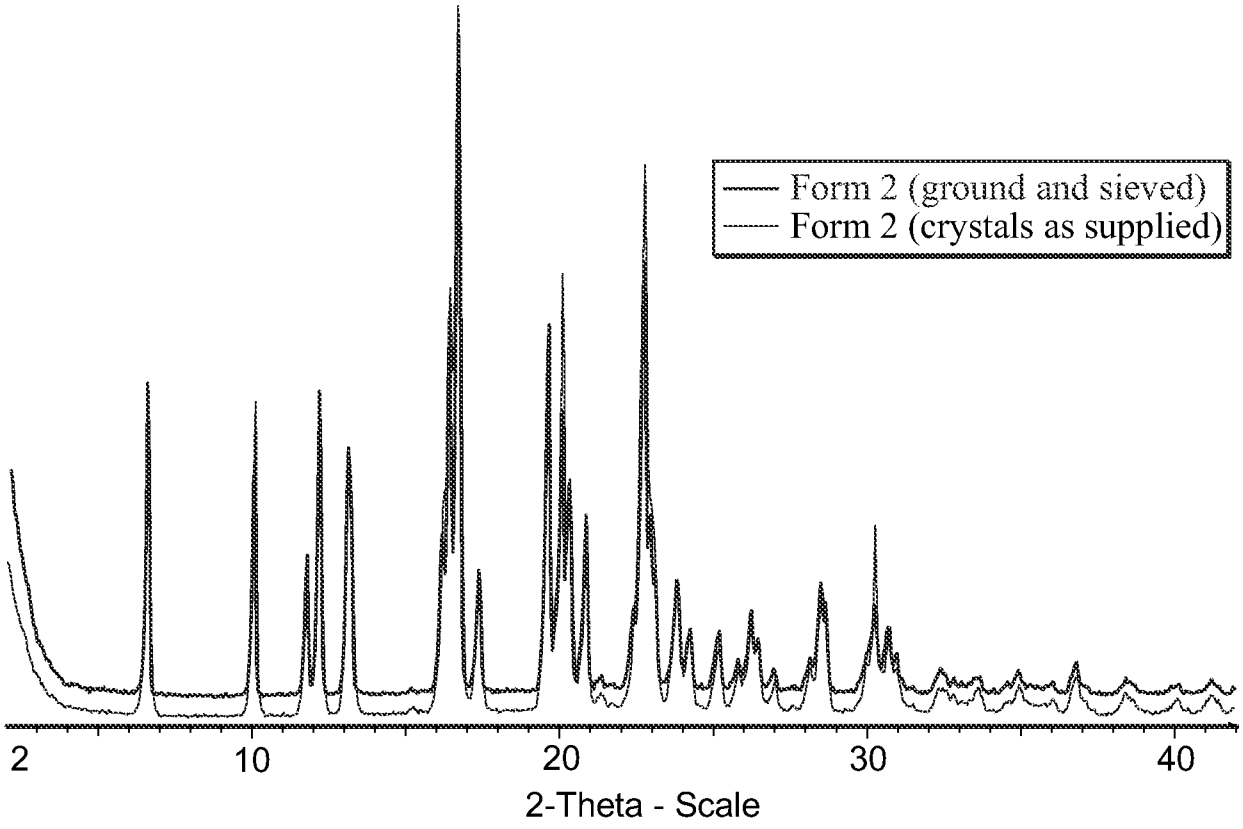


FIG. 13A

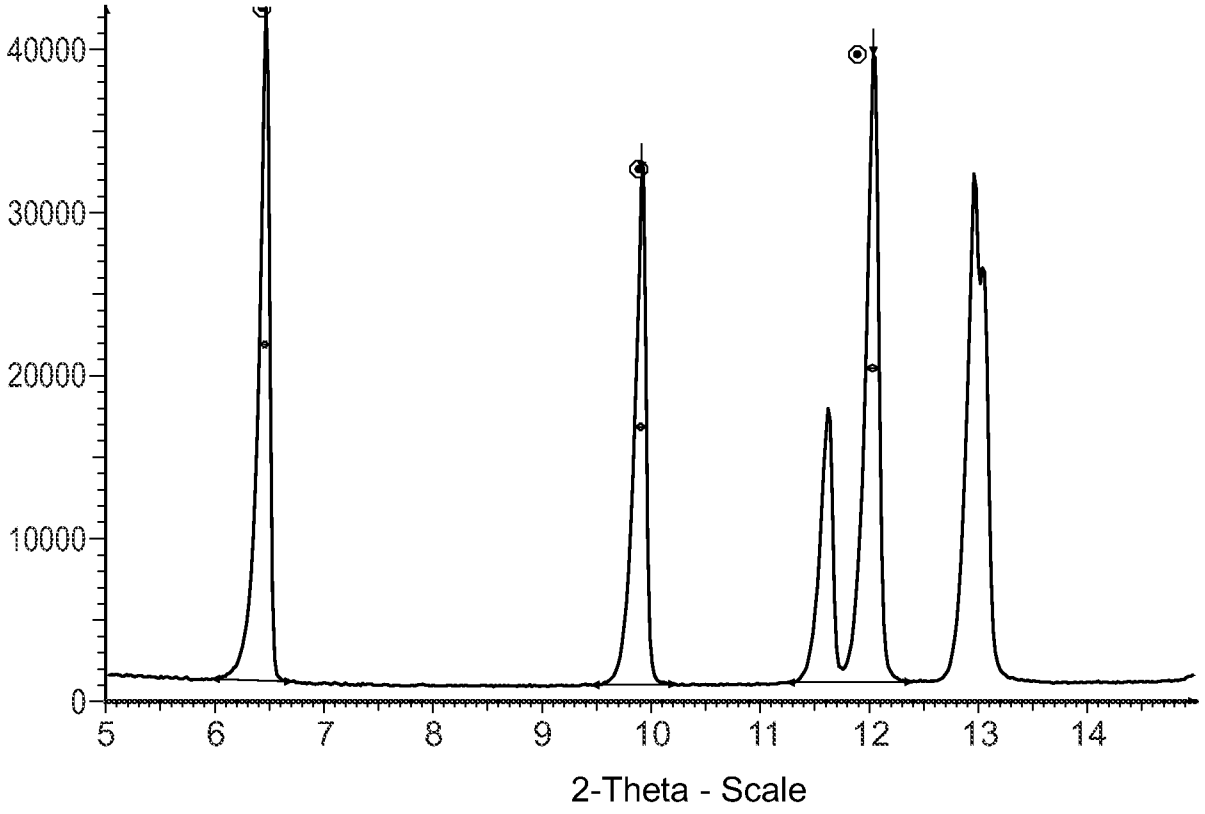


FIG. 13B

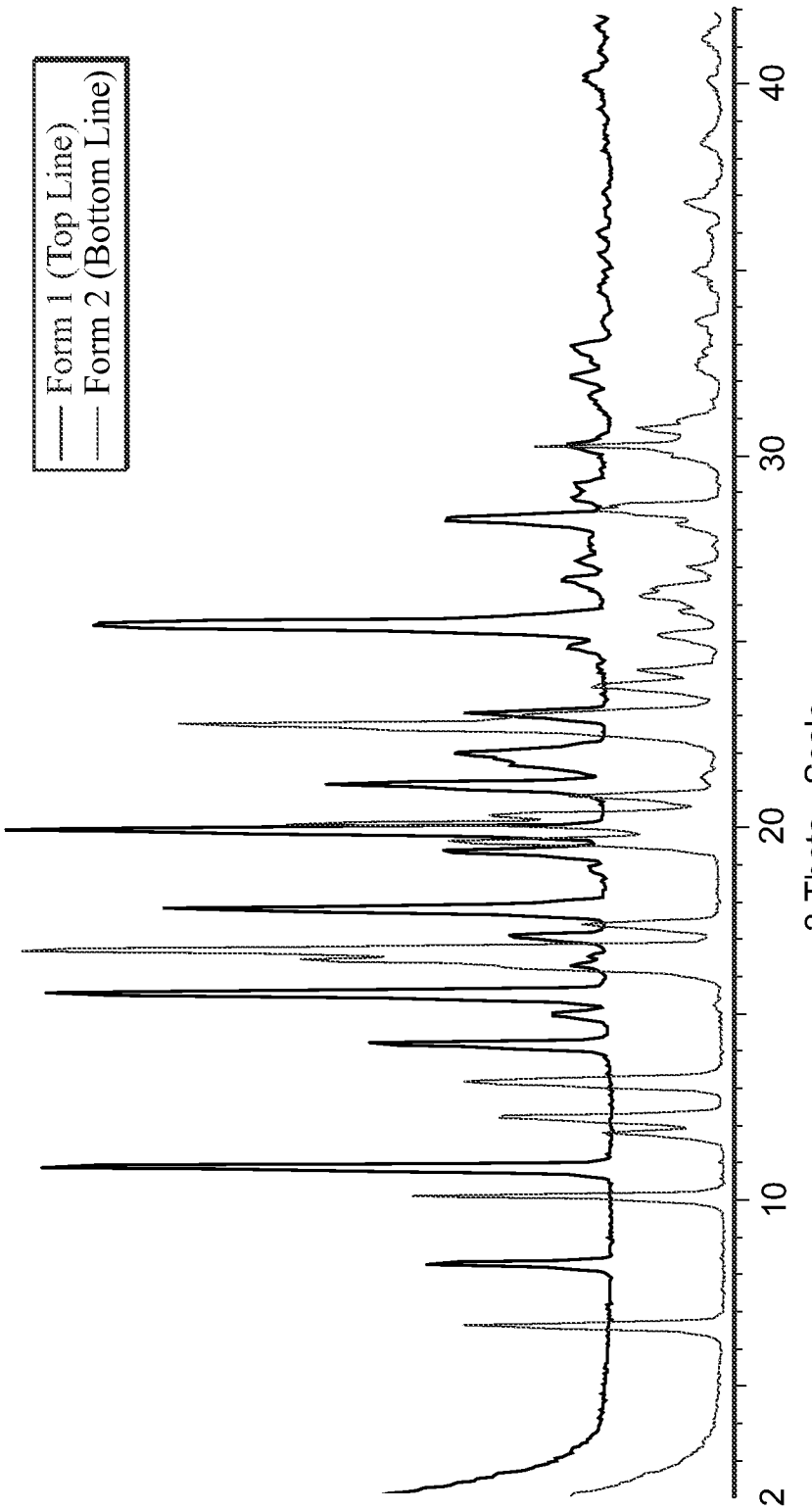


FIG. 14

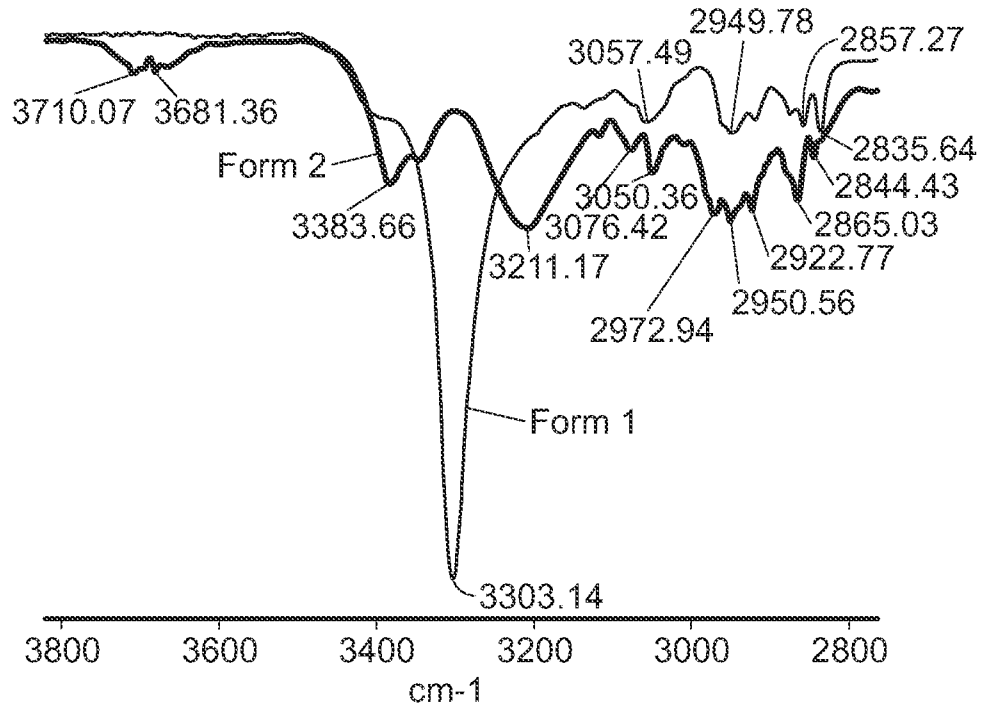


FIG. 15A

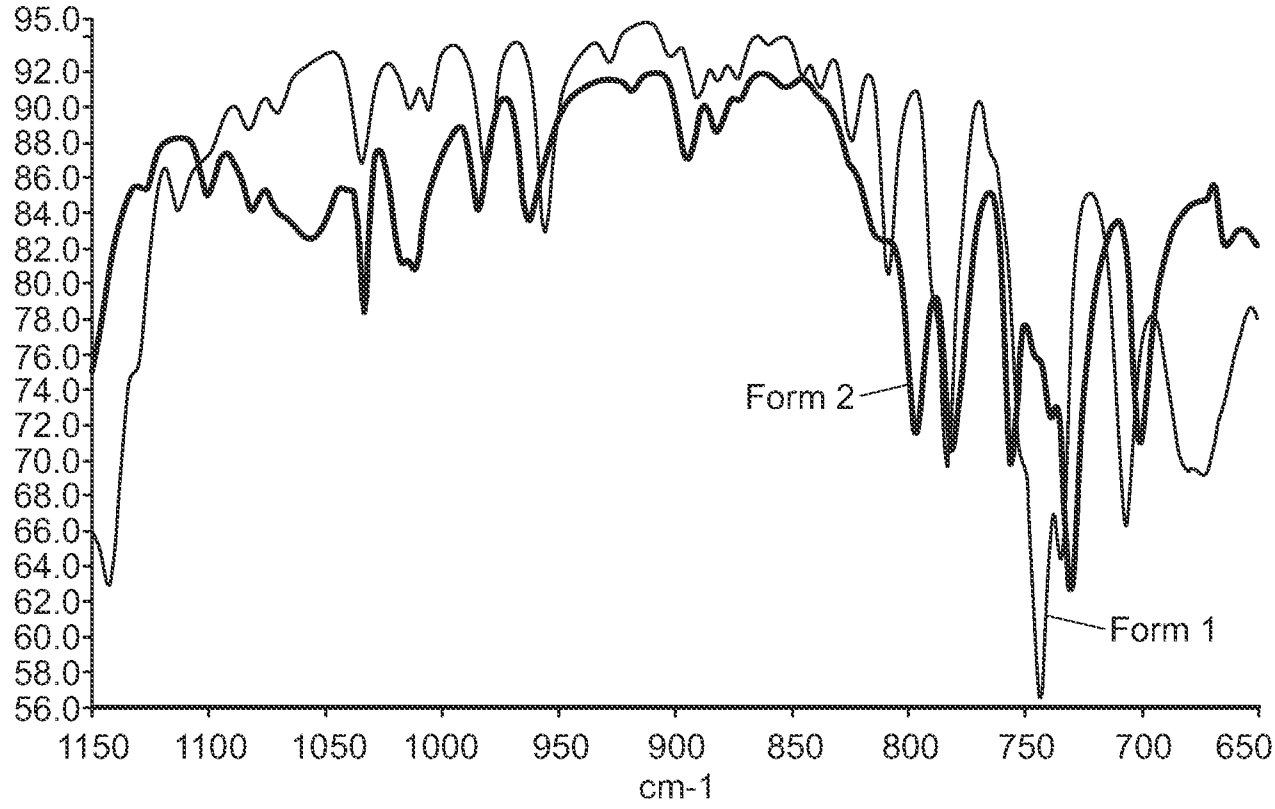


FIG. 15B

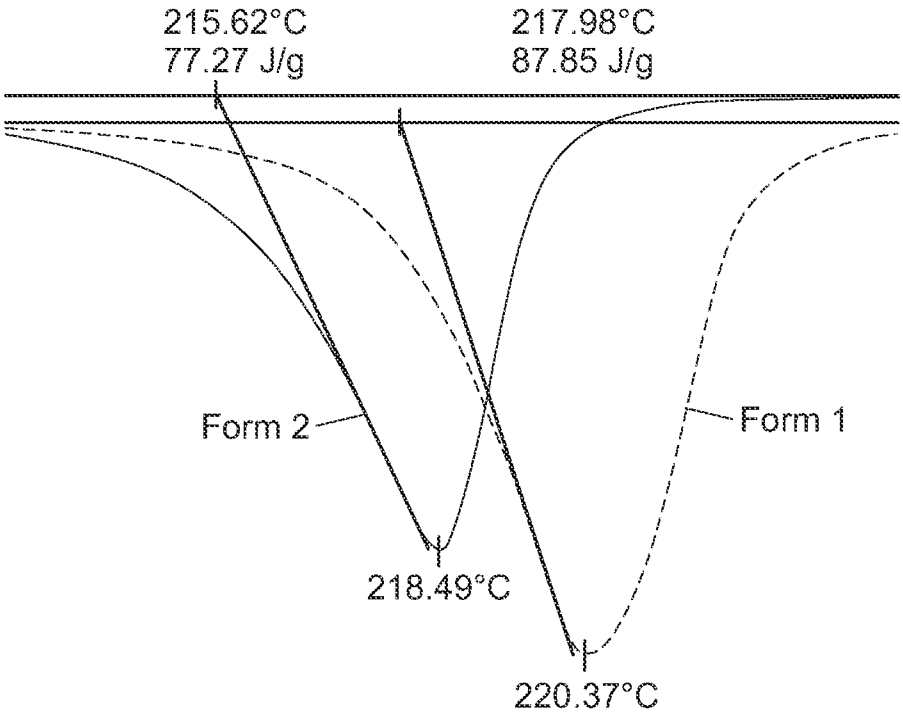


FIG. 16

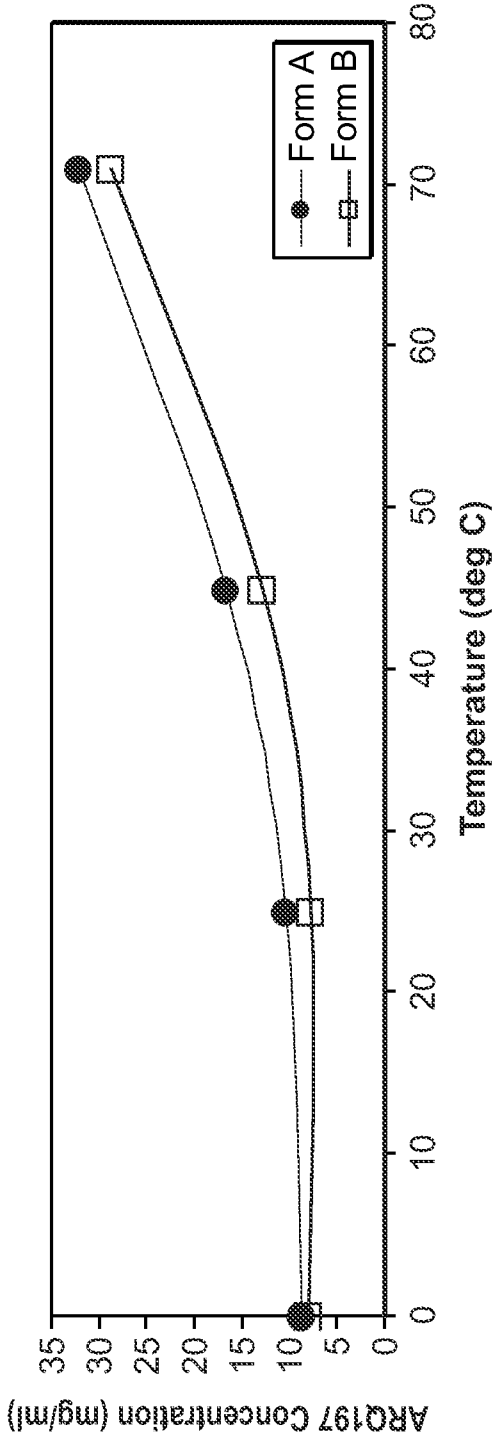


FIG. 17A

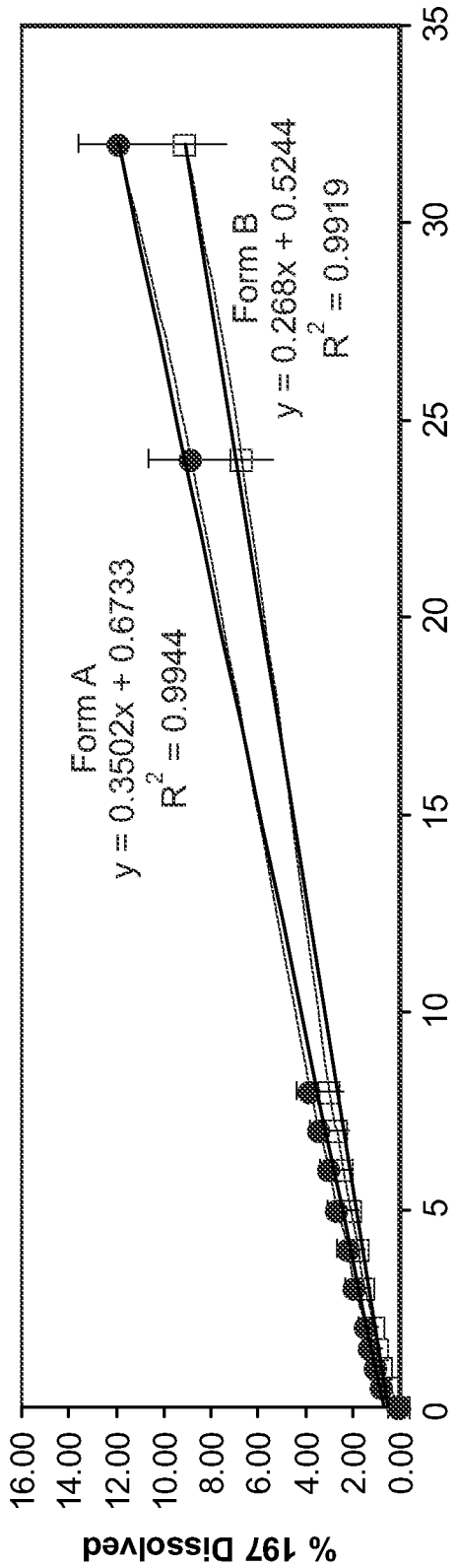


FIG. 17B