Figure 1A

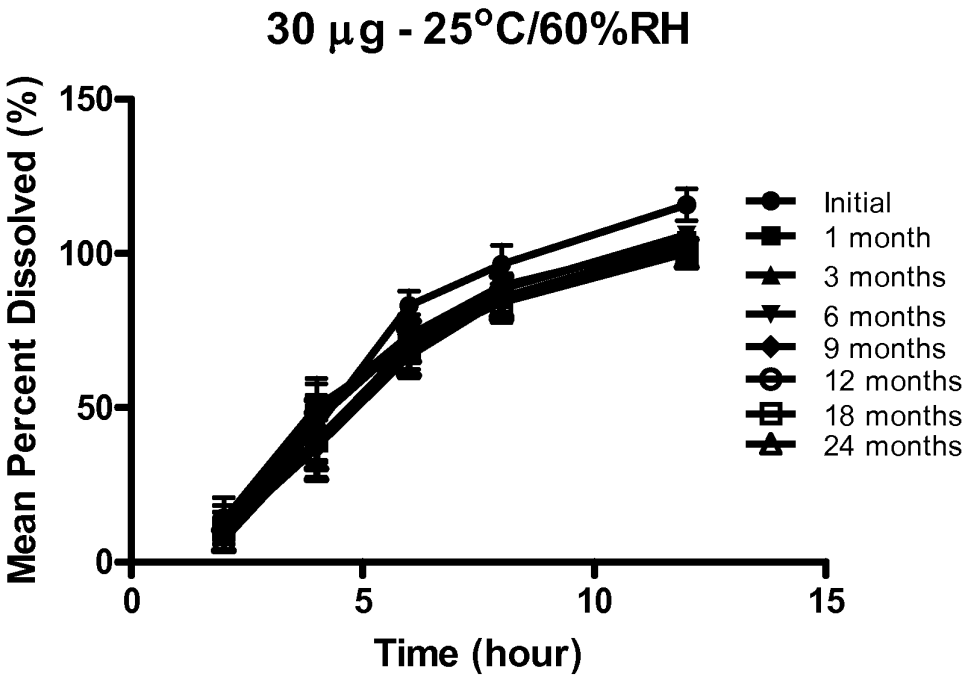


Figure 1B

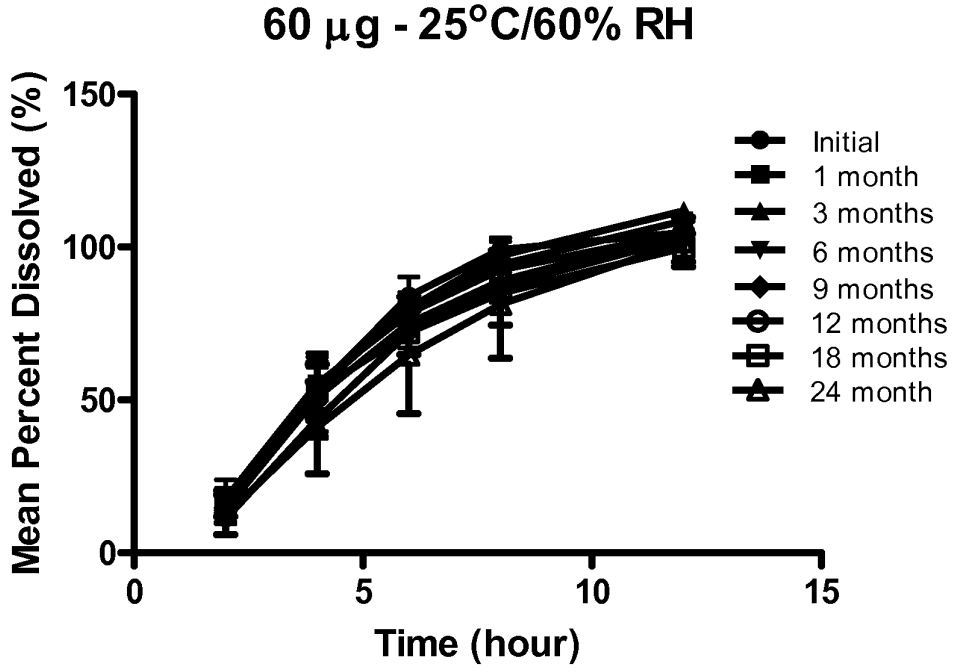


Figure 1C

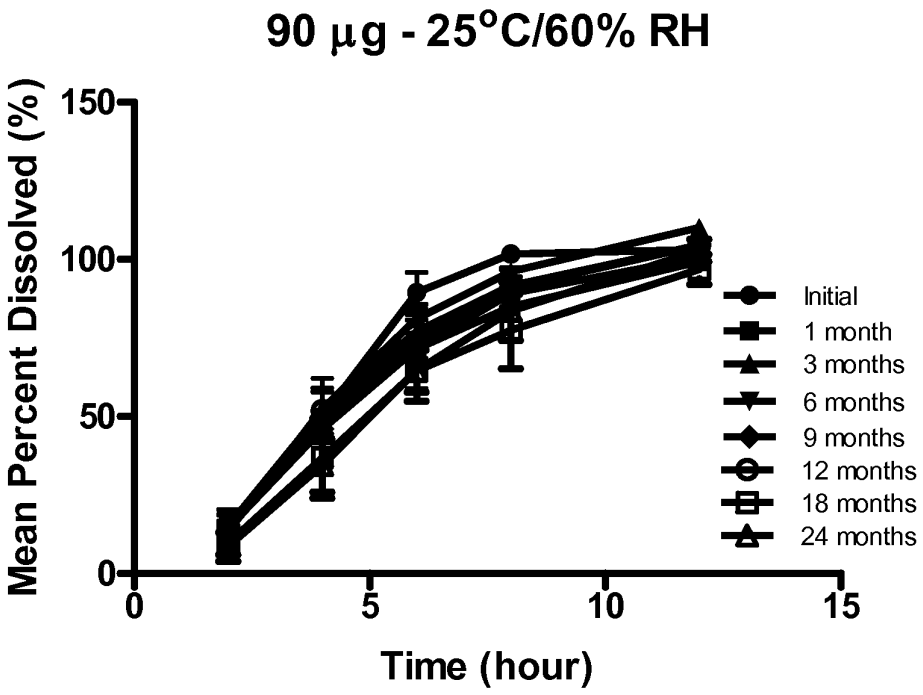


Figure 2A

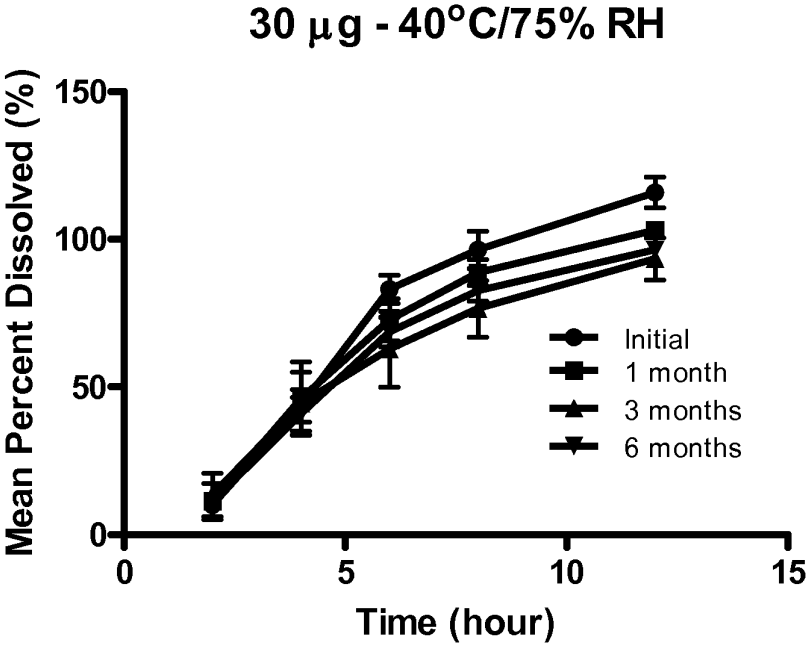


Figure 2B

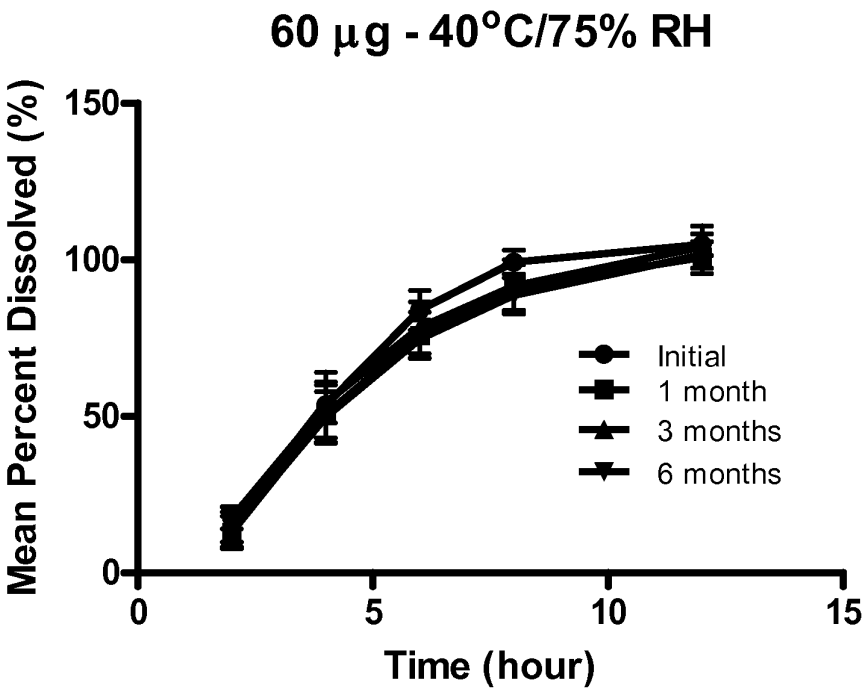


Fig. 2C

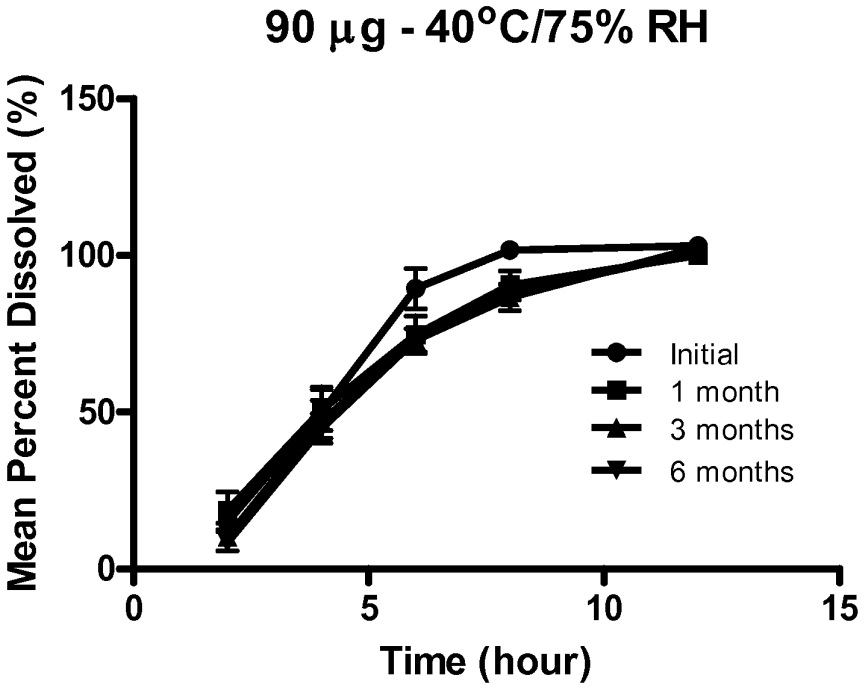


Figure 3

Fig. 3A

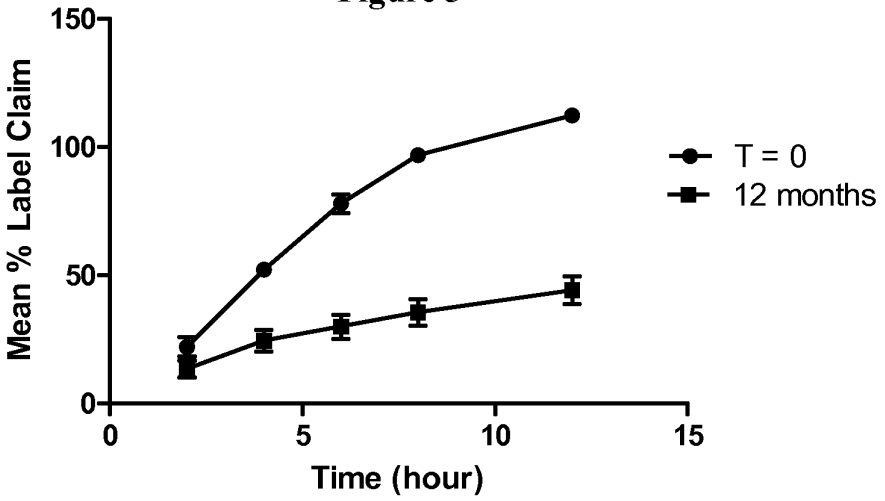


Fig. 3B

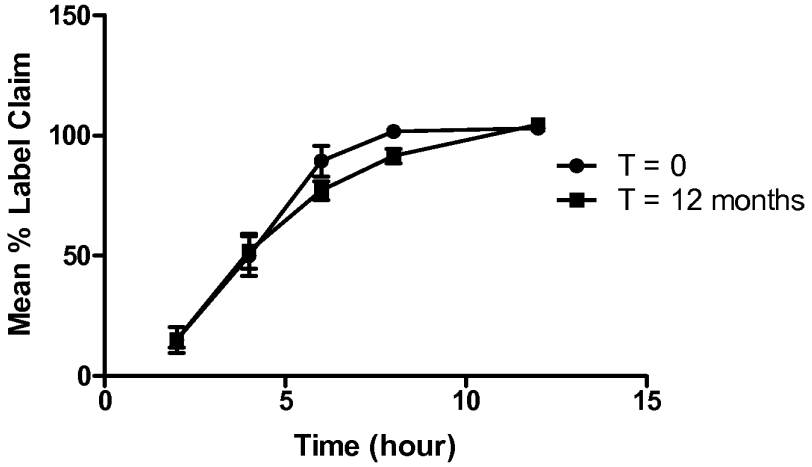


Figure 4

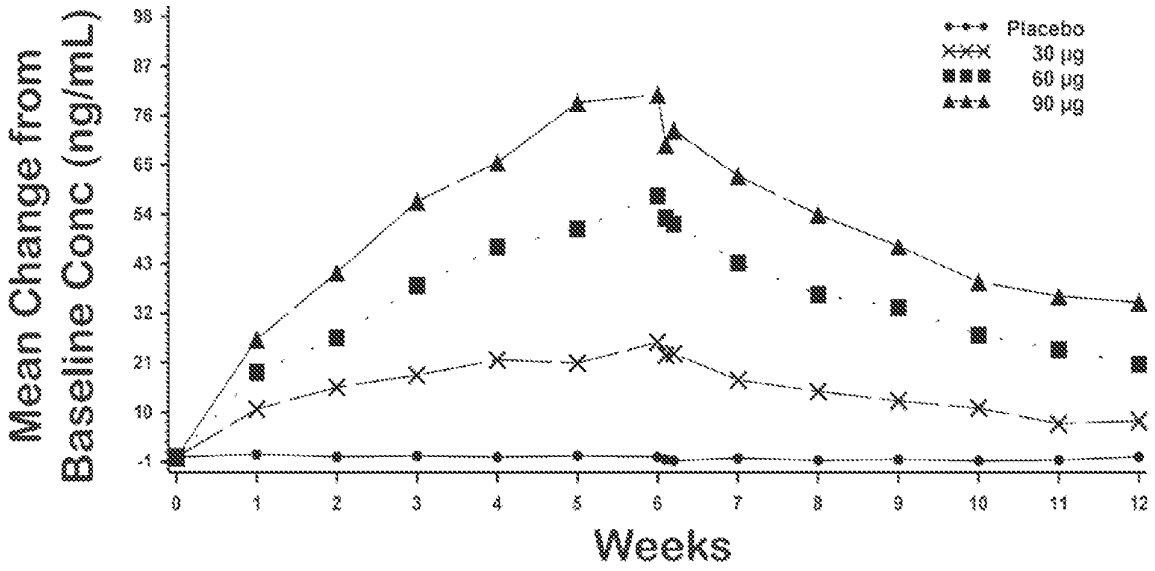

Mean Change from Baseline Conc (ng/mL)
98
87
76
65
54
43
32
21
10
-1
0
1
2
3
4
5
6
7
8
9
10
11
12
Weeks
Placebo
30 µg
60 µg
90 µg

Figure 5

Characteristics	Placebo N=29	30µg N=12	60µg N=16	90µg N=14
Baseline (ng/mL)				
Mean (SD)	16.23 (8.29)	16.21 (7.34)	19.79 (8.69)	18.37 (9.77)
Median	12.87	17.24	21.21	16.65
Min, Max	4.35, 30.43	5.02, 25.83	5.83, 32.45	6.67, 38.86
C_{max}(ng/mL)[1]				
Mean (SD)	3.58 (3.61)	27.75 (8.21)	60.33 (18.97)	85.69 (26.90)
Median	2.97	28.13	60.77	76.04
Min, Max	-0.58, 13.83	10.75, 43.39	30.31, 89.54	55.44, 146.35
$AUC_{0\text{-}6wk}$ (ng•d/mL)				
Mean (SD)	9.19 (85.66)	689.15 (238.14)	1477.80 (360.22)	2060.95 (586.86)
Median	22.62	657.19	1472.18	1896.27
Min, Max	-171.75, 214.62	303.97, 1208.29	685.75, 2141.08	1316.39, 3206.31
t_{max} (d)[1]				
Mean (SD)	34.97 (30.79)	37.75 (10.41)	41.13 (5.24)	42.50 (5.06)
Median	23.00	42.50	43.00	43.00
Min, Max	1.00, 87.00	8.00, 44.00	29.00, 45.00	35.00, 56.00
$t_{1/2}$ (d)[1]				
Mean (SD)	- (-)	25.32 (13.98)	32.67 (8.59)	49.62 (51.09)
Median	-	24.06	30.85	36.32
Min, Max	-, -	5.16, 49.35	19.44, 48.11	23.15, 224.03

[1] Data are up to EOS
Abbreviations: Min: minimum; Max, maximum

Figure 6

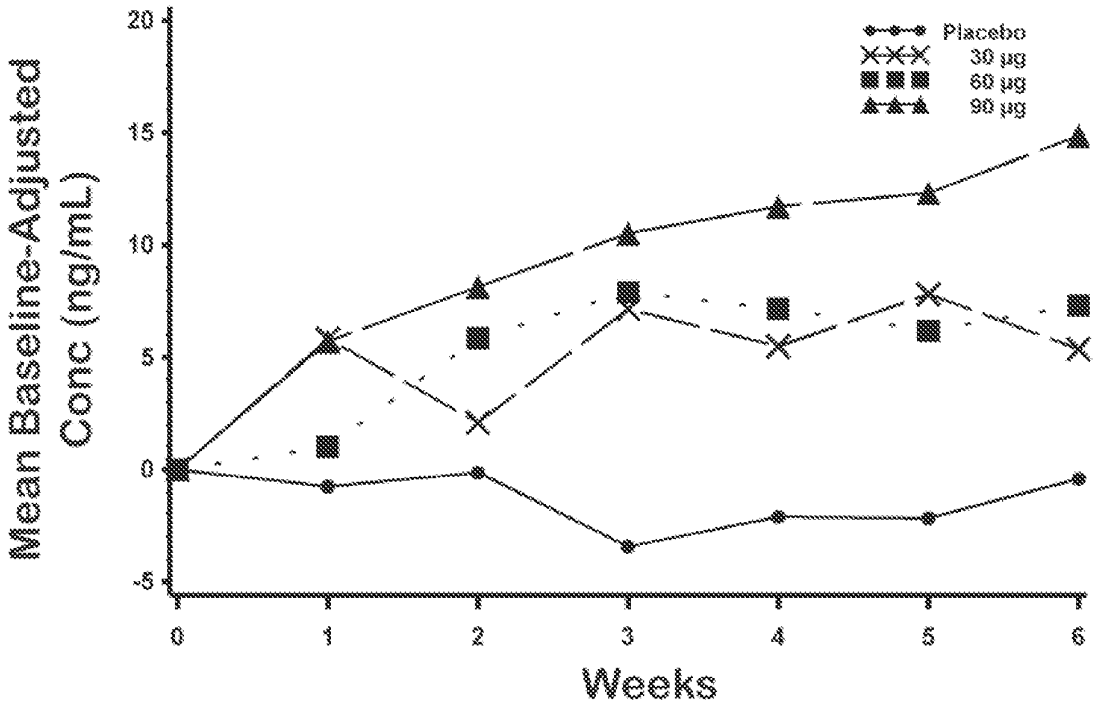


Figure 7

Characteristics	Placebo N=29	30µg N=12	60µg N=16	90µg N=14
Baseline (pg/mL)				
Mean (SD)	23.14 (12.51)	18.47 (7.97)	20.96 (6.56)	21.38 (7.70)
Median	18.57	15.52	18.73	21.02
Min, Max	7.00, 52.07	5.07, 30.67	12.77, 33.63	10.70, 36.63
C_{max}(pg/mL)[1]				
Mean (SD)	9.07 (7.99)	18.05 (20.24)	16.58 (9.30)	23.71 (13.63)
Median	7.30	9.95	17.35	20.92
Min, Max	-1.57, 34.13	3.53, 78.37	-10.33, 29.90	5.50, 48.30
$AUC_{0\text{-}6wk}$ (pg•d/mL)				
Mean (SD)	-44.08(262.50)	252.70 (390.07)	198.86 (295.73)	396.03 (291.81)
Median	-12.17	165.83	290.33	393.36
Min, Max	-726.25, 509.95	-112.18, 1295.40	-593.93, 553.00	72.05, 1188.60
t_{max} (d)[1]				
Mean (SD)	21.55 (16.86)	30.67 (8.12)	25.19 (10.81)	26.64 (13.30)
Median	23.00	30.00	22.50	23.00
Min, Max	1.00, 44.00	16.00, 42.00	8.00, 43.00	7.00, 44.00

[1]Data are up to EOS
Abbreviations: Min: minimum; Max, maximum

Figure 8

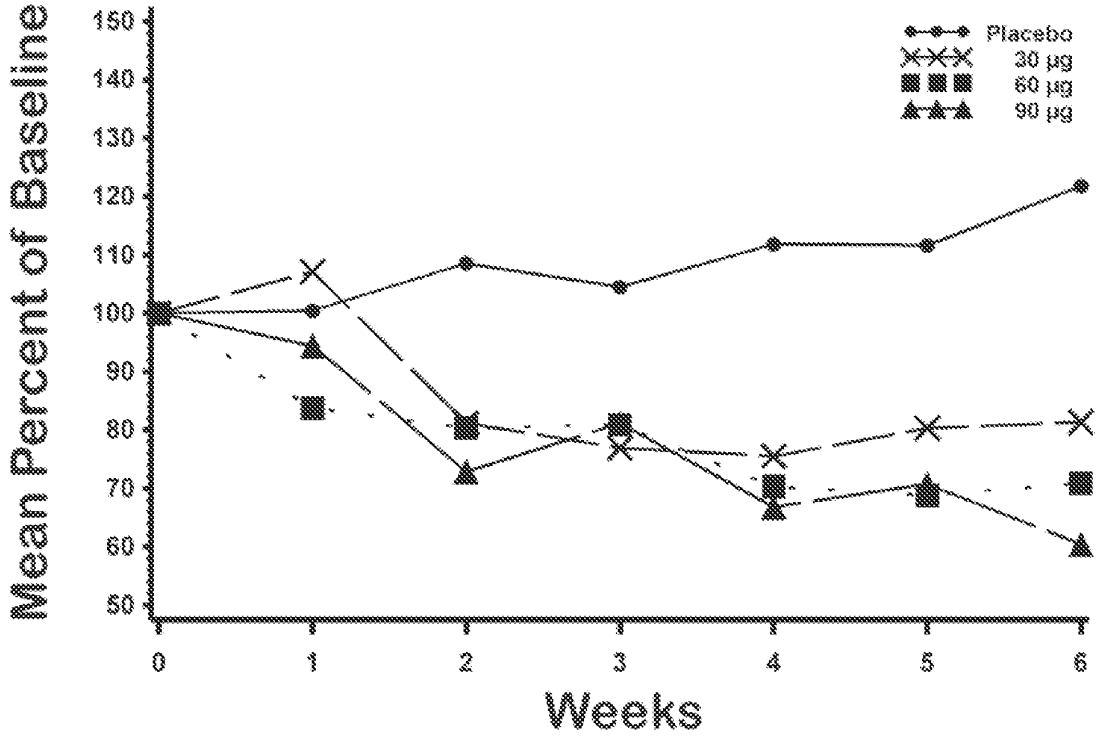


Figure 9

Characteristics	Placebo N=29	30µg N=12	60µg N=16	90µg N=14
Baseline[1] (pg/mL)				
Mean (SD)	144.62 (67.47)	156.28 (57.92)	118.46 (25.89)	155.88 (58.51)
Median	130.63	161.22	113.78	135.08
Min, Max	64.10, 323.27	81.03, 253.97	82.23, 167.85	96.33, 291.25
C_{min}(pg/mL)				
Mean (SD)	-38.80 (33.35)	-67.84 (36.71)	-63.09 (21.57)	-86.04 (37.39)
Median	-32.63	-62.48	-63.33	-80.51
Min, Max	-133.03, -3.90	-140.27, -29.83	-104.77, -24.83	-184.10, -41.27
$AUC_{0\text{-}6wk}$ (pg•d/mL)				
Mean (SD)	176.02 (1575.81)	-896.76 (1215.80)	-1322.53 (723.32)	-1560.91 (820.99)
Median	180.95	-1029.50	-1325.92	-1303.40
Min, Max	-3059.00, 4463.65	-2812.60, 1457.05	-2228.40, -177.45	-3743.70, -575.75
t_{min} (d)				
Mean (SD)	21.14 (14.21)	32.08 (8.53)	29.38 (10.39)	32.29 (12.61)
Median	21.00	32.50	32.00	37.00
Min, Max	1.00, 44.00	15.00, 42.00	8.00, 43.00	8.00, 44.00

[1] Baseline is the average of visits 1 (or 2 if washout), 3, and 4.

Figure 10

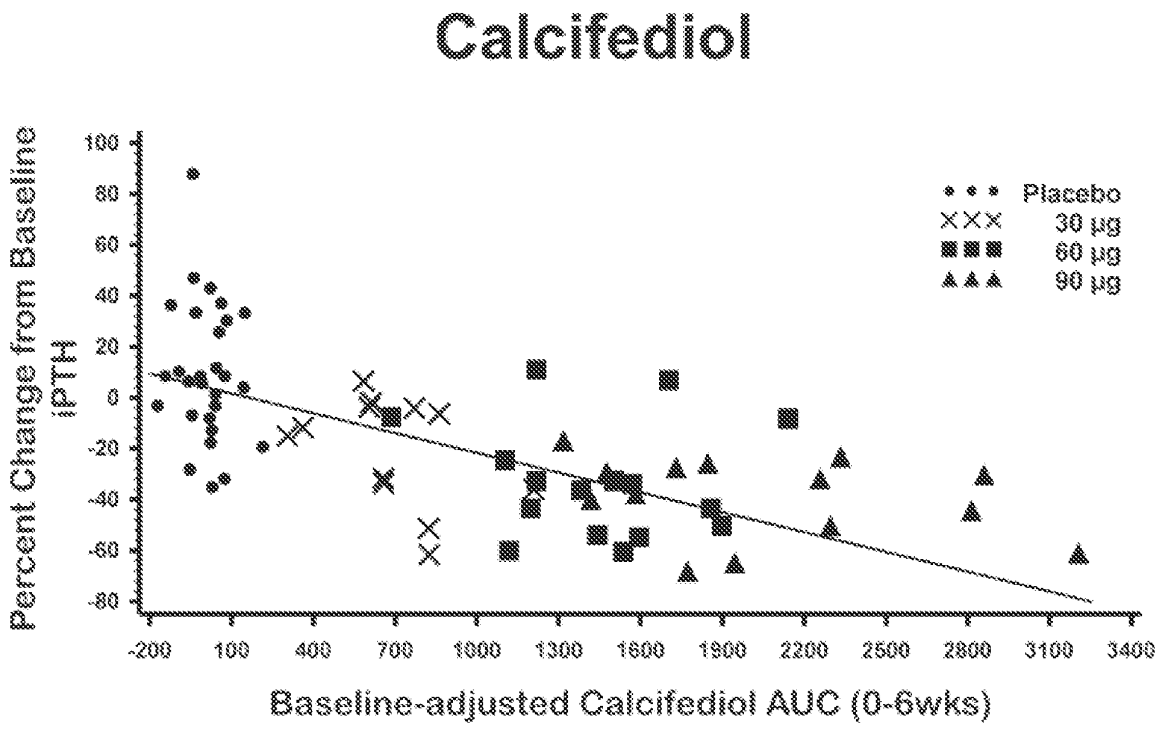
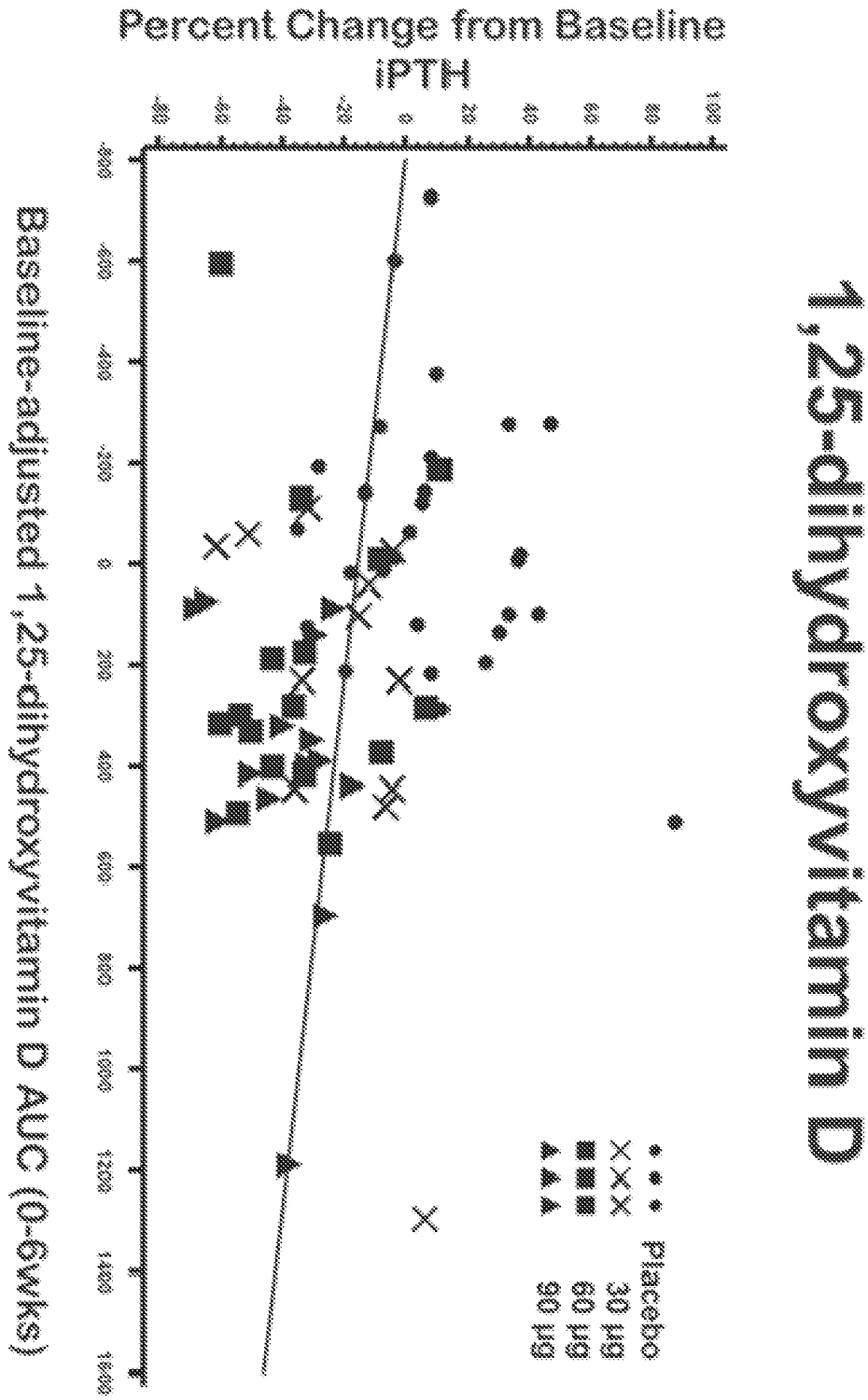

Calcifediol
Percent Change from Baseline iPTH
100
80
60
40
20
0
-20
-40
-60
-80
-200
100
400
700
1000
1300
1600
1900
2200
2500
2800
3100
3400
Baseline-adjusted Calcifediol AUC (0-6wks)
Placebo
30 µg
60 µg
90 µg

Figure 11


Percent Change from Baseline
iPTH
1,25-dihydroxyvitamin D
Baseline-adjusted 1,25-dihydroxyvitamin D AUC (0-6wks)
Placebo
30 mg
60 mg
90 mg