Fig. 1

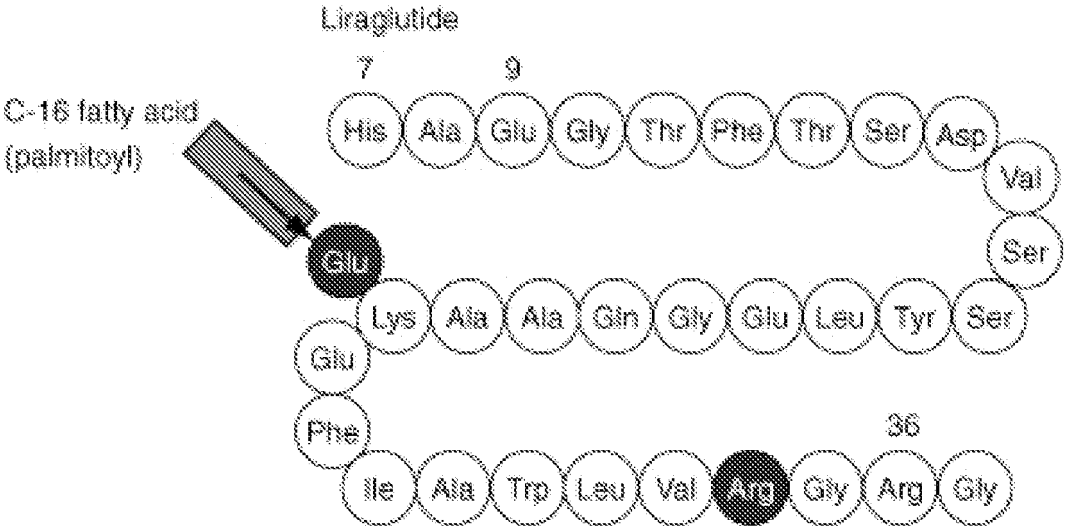

Liraglutide
7
9
C-16 fatty acid
(palmitoyl)
His
Ala
Glu
Gly
Thr
Phe
Thr
Ser
Asp
Val
Ser
Glu
Lys
Ala
Ala
Gln
Gly
Glu
Leu
Tyr
Ser
Glu
Phe
36
Ile
Ala
Trp
Leu
Val
Arg
Gly
Arg
Gly

Fig. 2

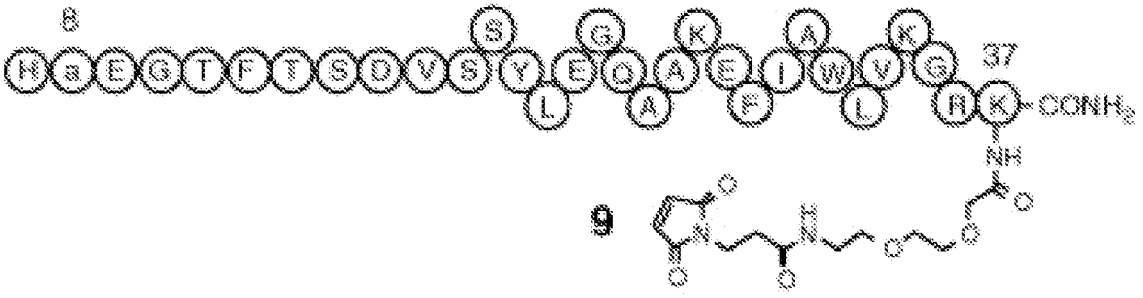

8
37
CONH2
NH
9

Fig. 3

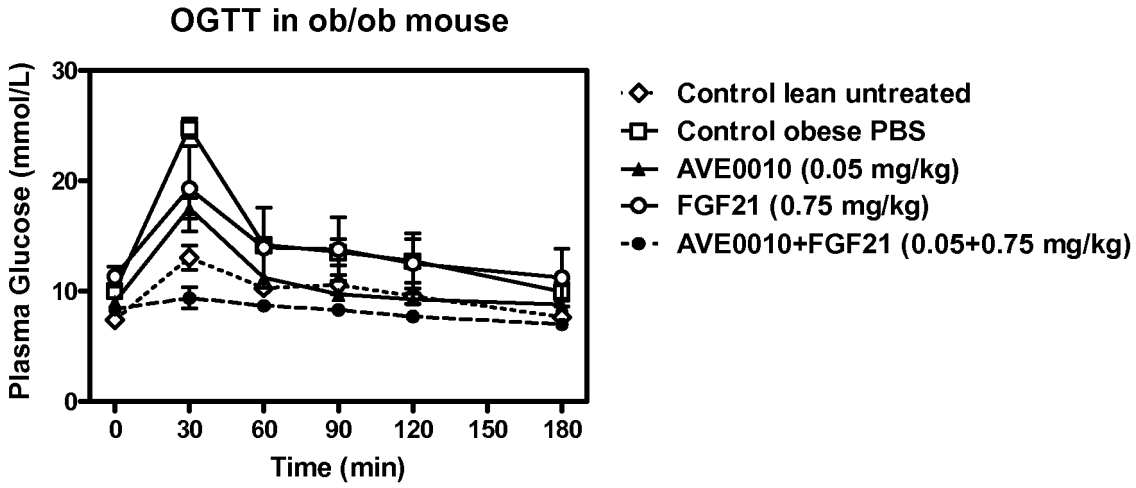

OGTT in ob/ob mouse
Plasma Glucose (mmol/L)
30
20
10
0
0
30
60
90
120
150
180
Time (min)
Control lean untreated
Control obese PBS
AVE0010 (0.05 mg/kg)
FGF21 (0.75 mg/kg)
AVE0010+FGF21 (0.05+0.75 mg/kg)

Fig. 4

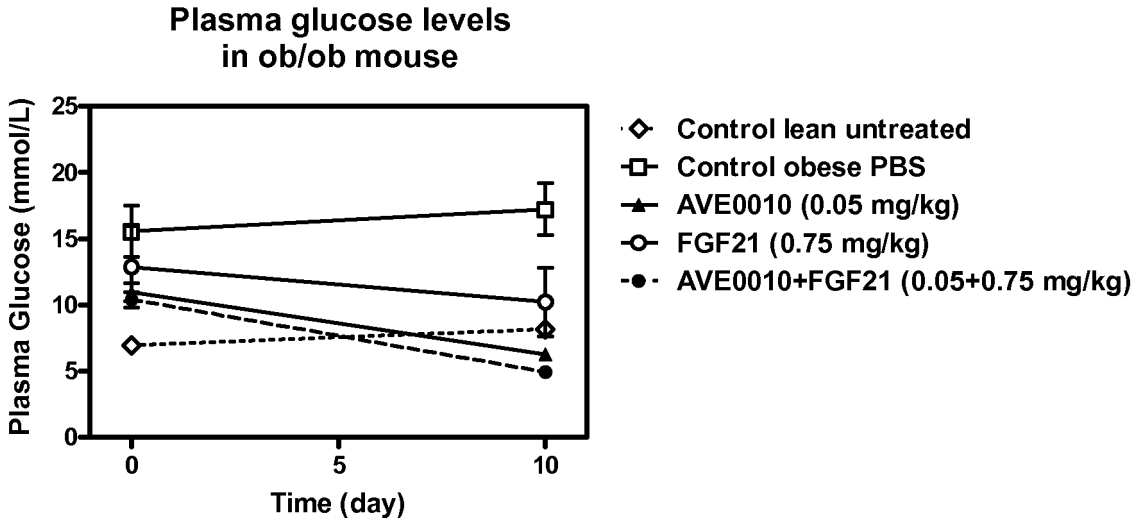

Plasma glucose levels
in ob/ob mouse
Plasma Glucose (mmol/L)
25
20
15
10
5
0
0
5
10
Time (day)
Control lean untreated
Control obese PBS
AVE0010 (0.05 mg/kg)
FGF21 (0.75 mg/kg)
AVE0010+FGF21 (0.05+0.75 mg/kg)

Fig. 5

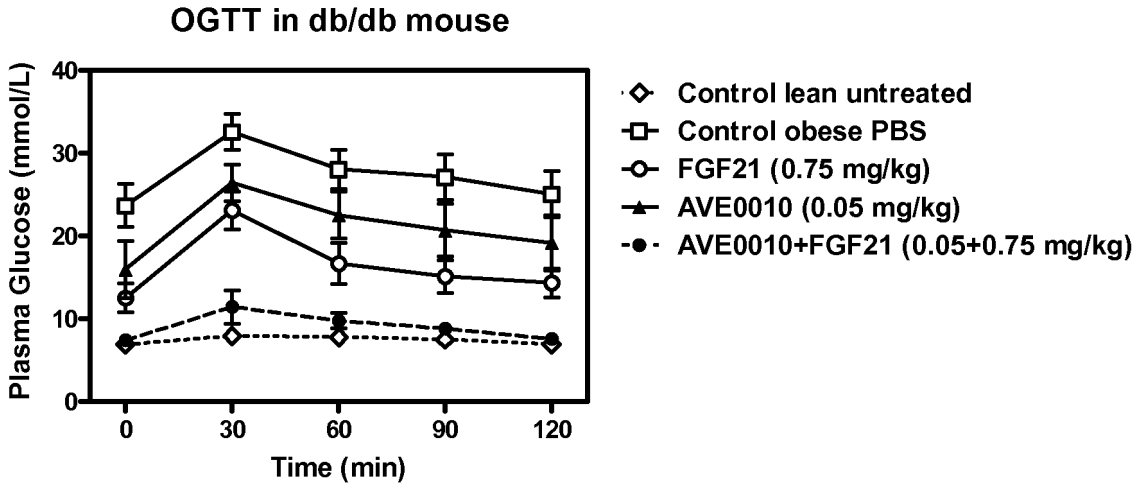
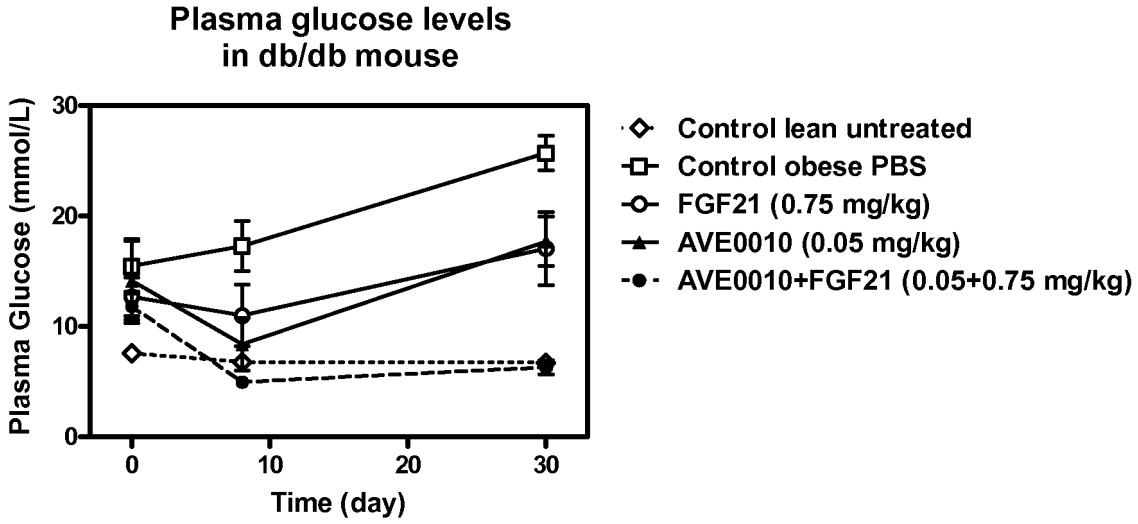

OGTT in db/db mouse
Plasma Glucose (mmol/L)
40
30
20
10
0
0
30
60
90
120
Time (min)
Control lean untreated
Control obese PBS
FGF21 (0.75 mg/kg)
AVE0010 (0.05 mg/kg)
AVE0010+FGF21 (0.05+0.75 mg/kg)

Fig. 6


Plasma glucose levels
in db/db mouse
Plasma Glucose (mmol/L)
30
20
10
0
0
10
20
30
Time (day)
Control lean untreated
Control obese PBS
FGF21 (0.75 mg/kg)
AVE0010 (0.05 mg/kg)
AVE0010+FGF21 (0.05+0.75 mg/kg)