FIG. 1

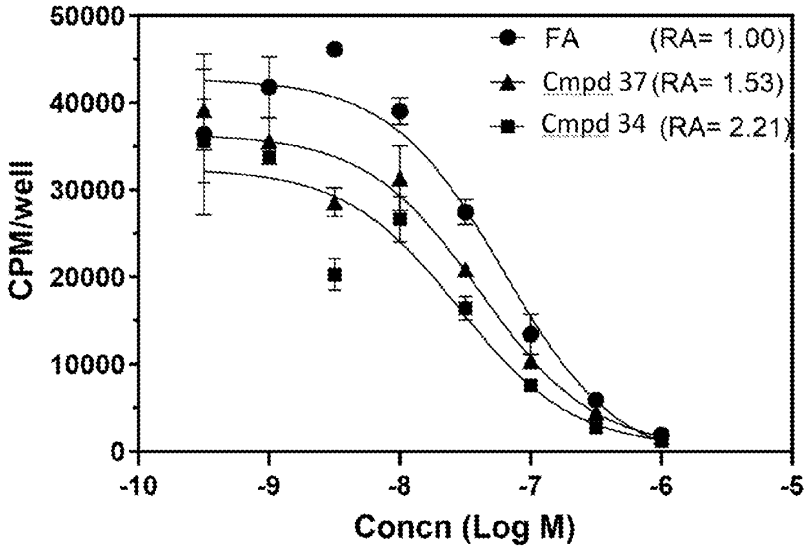

50000
40000
30000
20000
10000
0
CPM/well
-10
-9
-8
-7
-6
-5
Concn (Log M)
FA (RA= 1.00)
Cmpd 37 (RA= 1.53)
Cmpd 34 (RA= 2.21)

FIG. 2

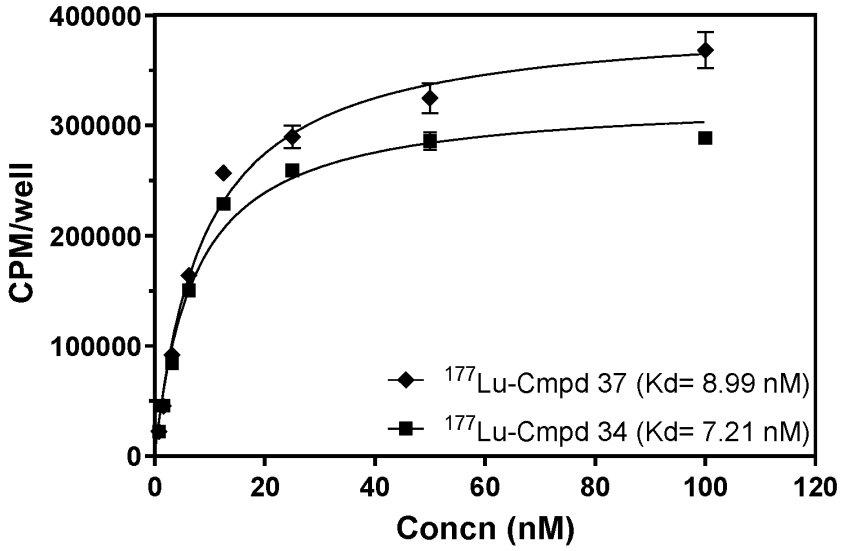

400000
300000
200000
100000
0
CPM/well
0
20
40
60
80
100
120
Concn (nM)
177Lu-Cmpd 37 (Kd= 8.99 nM)
177Lu-Cmpd 34 (Kd= 7.21 nM)

FIG. 3

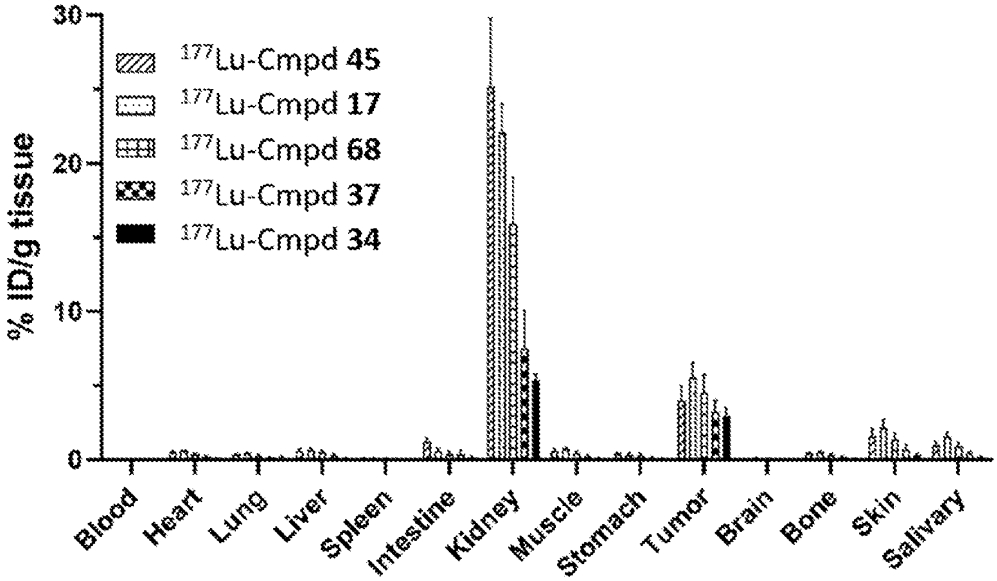

30
20
10
0
% ID/g tissue
177Lu-Cmpd 45
177Lu-Cmpd 17
177Lu-Cmpd 68
177Lu-Cmpd 37
177Lu-Cmpd 34
Blood
Heart
Lung
Liver
Spleen
Intestine
Kidney
Muscle
Stomach
Tumor
Brain
Bone
Skin
Salivary

FIG. 4

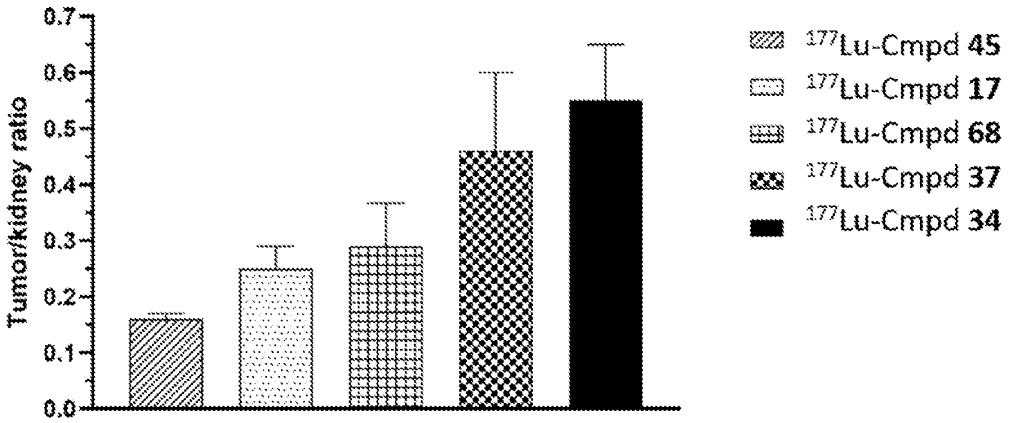

Tumor/kidney ratio
0.0
0.1
0.2
0.3
0.4
0.5
0.6
0.7
^{177}Lu-Cmpd 45
^{177}Lu-Cmpd 17
^{177}Lu-Cmpd 68
^{177}Lu-Cmpd 37
^{177}Lu-Cmpd 34

FIG. 5

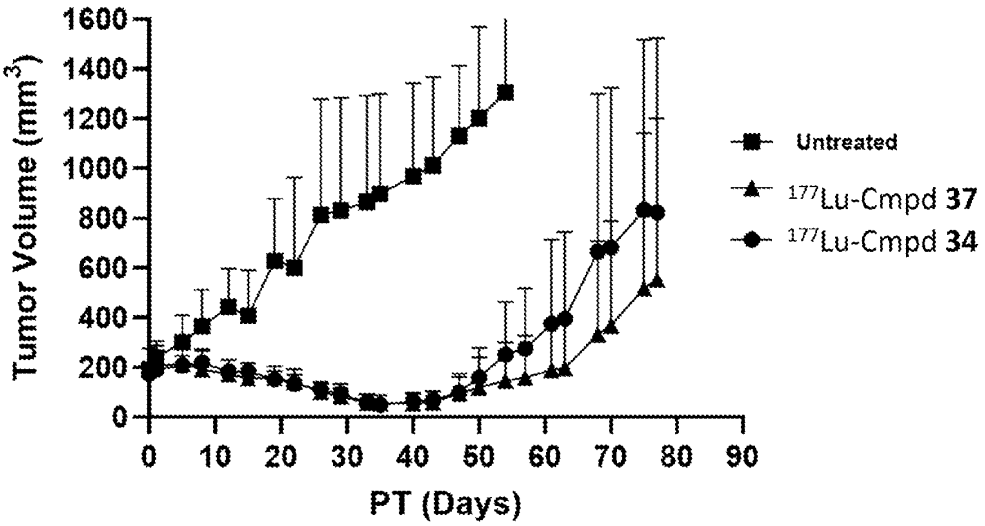

Tumor Volume (mm3)
1600
1400
1200
1000
800
600
400
200
0
0
10
20
30
40
50
60
70
80
90
PT (Days)
Untreated
177Lu-Cmpd 37
177Lu-Cmpd 34

FIG. 6

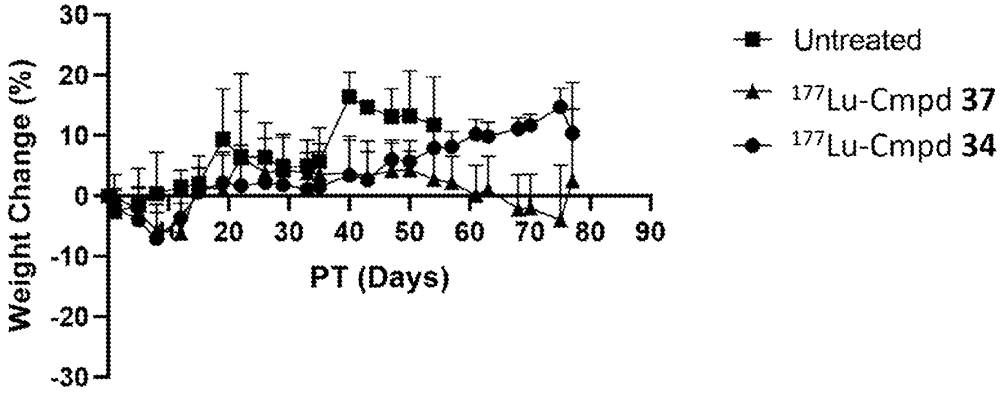

Weight Change (%)
30
20
10
0
-10
-20
-30
0
20
30
40
50
60
70
80
90
PT (Days)
Untreated
177Lu-Cmpd 37
177Lu-Cmpd 34

FIG. 7

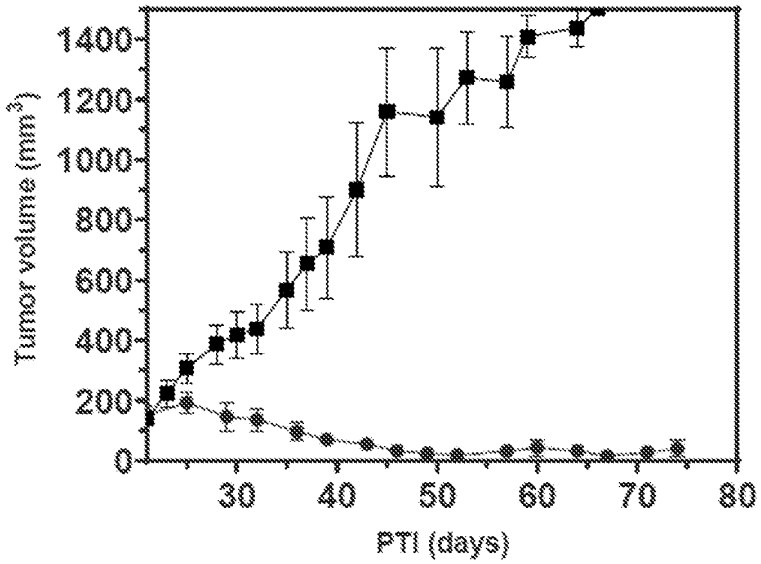

Tumor volume (mm3)
1400
1200
1000
800
600
400
200
0
30
40
50
60
70
80
PTI (days)

FIG. 8

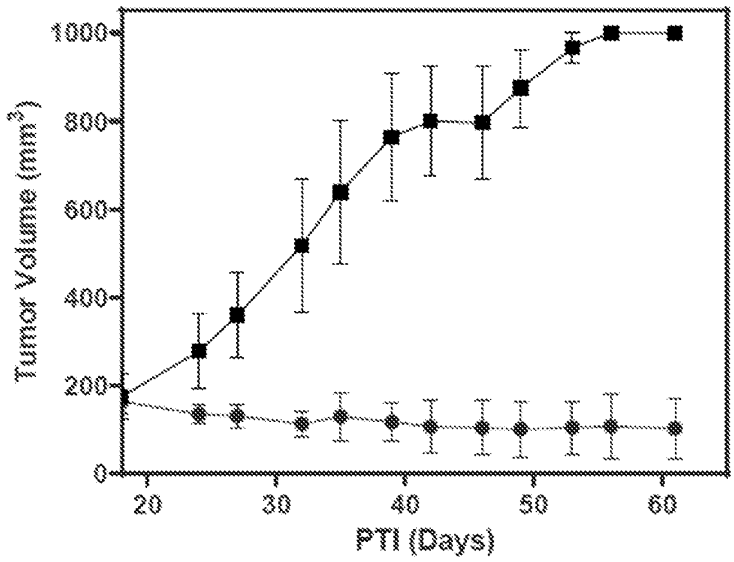


FIG. 9

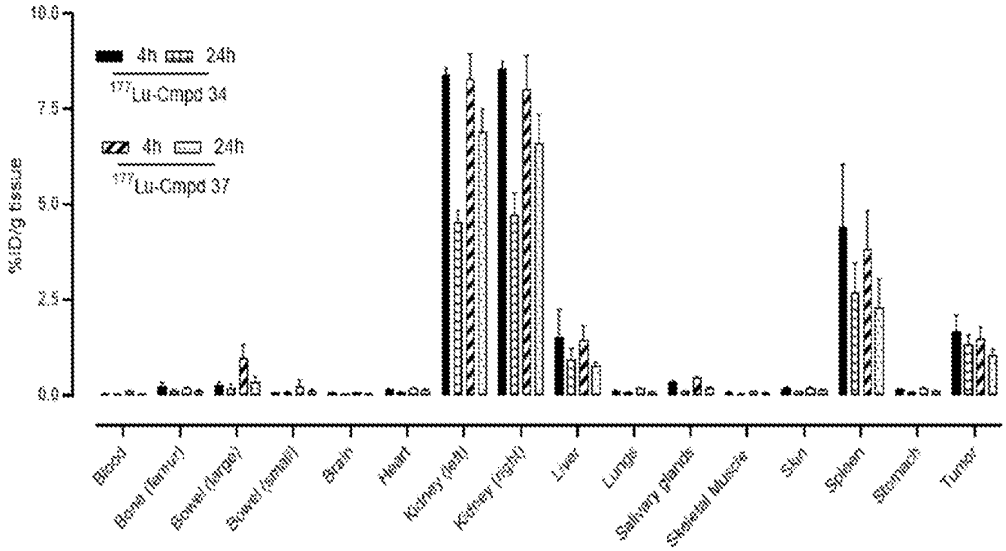

%ID/g tissue
10.0
7.5
5.0
2.5
0.0
4h
24h
177Lu-Cmpd 34
4h
24h
177Lu-Cmpd 37
Blood
Bone (femur)
Bowel (large)
Bowel (jejunal)
Brain
Heart
Kidney (left)
Kidney (right)
Liver
Lungs
Salivary glands
Skeletal Muscle
Skin
Spleen
Stomach
Tumor

FIG. 10

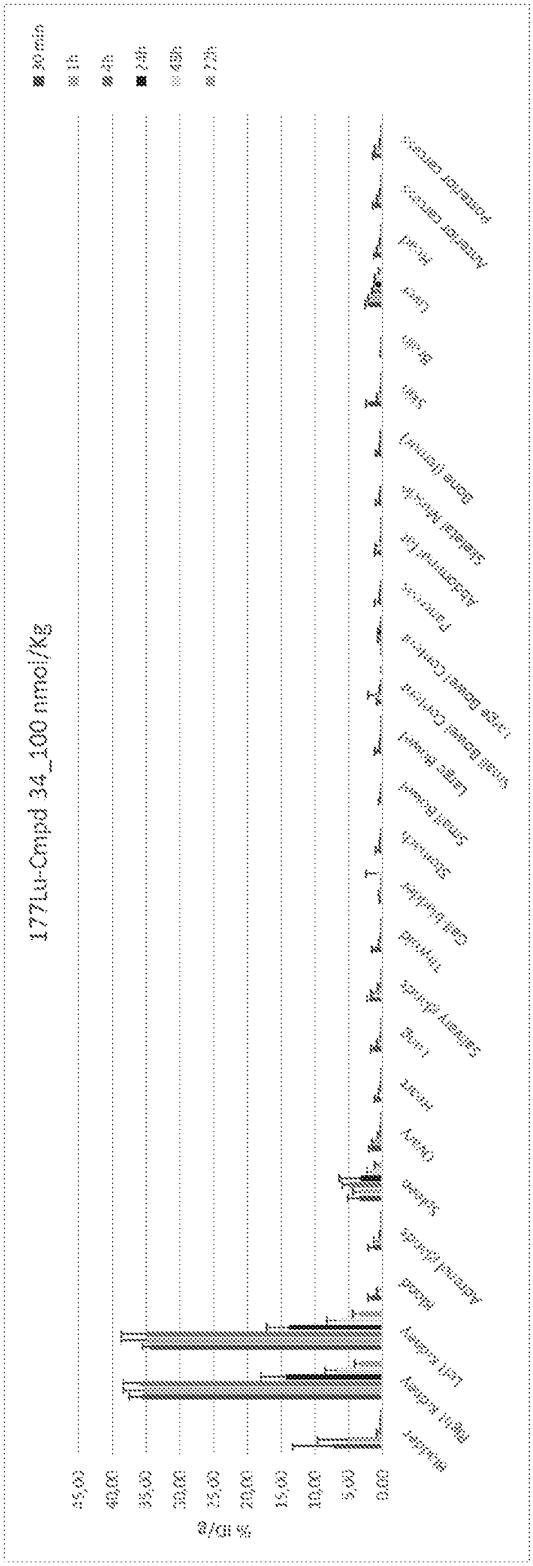

177Lu-Cmpd 34_100 nmol/Kg
30 min
1h
4h
24h
48h
72h
%ID/g
45,00
40,00
35,00
30,00
25,00
20,00
15,00
10,00
5,00
0,00
Bladder
Blood / Kidney
Liver / Kidney
Adrenal Glands
Spleen
Ovary
Uterus
Lung
Salivary Glands
Thyroid
Cell Pellet
Stomach
Small Bowel
Upper Bowel
Lower Bowel Content
Upper Bowel Content
Pancreas
Abdominal Fat
Skeletal Muscle
Bone (femur)
Skin
Brain
Liver
Renal Cancer
Adrenal Cancer
Pancreatic Cancer

FIG. 11

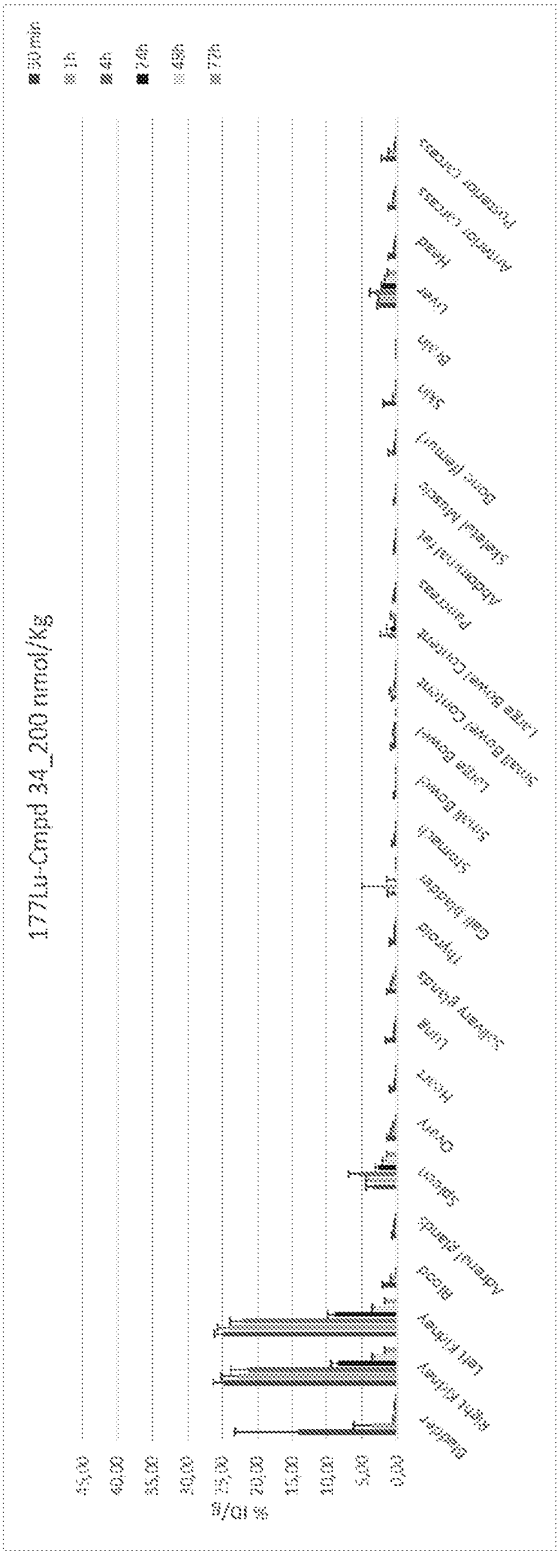
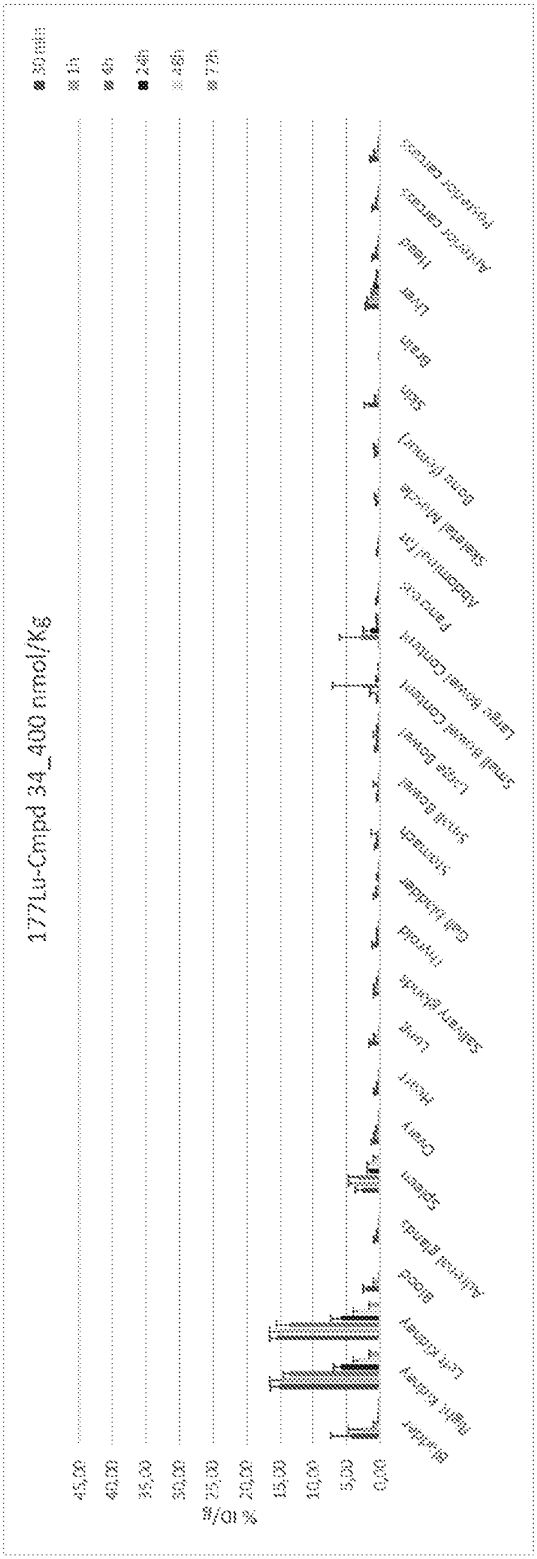

177Lu-Cmpd 34_200 nmol/kg
30 min
1h
4h
24h
48h
72h
%ID/g
Bladder
Kidney Left
Kidney Right
Blood
Adrenal Gland
Spleen
Ovary
Heart
Lung
Salivary Glands
Thyroid
Gall Bladder
Stomach
Small Bowel
Large Bowel
Small Bowel Content
Large Bowel Content
Pancreas
Abdominal Fat
Skeletal Muscle
Bone (femur)
Skin
Brain
Liver
Head
Axillary Lymph Nodes
Inguinal Lymph Nodes

FIG. 12


177Lu-Cmpd 34_400 nmol/Kg
30 min
1h
4h
24h
48h
72h
%ID/g
45,00
40,00
35,00
30,00
25,00
20,00
15,00
10,00
5,00
0,00
Bladder
Right Kidney
Left Kidney
Blood
Adrenal Glands
Spleen
Gland
Heart
Lung
Salivary Glands
Thyroid
Gall bladder
Stomach
Small Bowel
Large Bowel
Small Bowel Content
Large Bowel Content
Femur
Abdominal fat
Skeletal Muscle
Bone (Femur)
Skin
Brain
Liver
Tumor
Adrenal Cortex
Injection Control