

Supplemental Table 1. Biodistribution Results of ⁶⁴Cu-CB-TE2A-Y3-TATE in Male Lewis Rats (%ID/g)

Organ	1h	4h	4h blockade	24h
Blood	0.1900±0.0105	0.0667±0.0078	0.0979±0.0145	0.0500±0.0088
Lung	2.5184±0.4101	1.1355±0.7863	0.2917±0.2641	2.9846±5.8587
Liver	0.5436±0.0227	0.5103±0.0865	0.8195±0.0944	0.3508±0.1060
Spleen	0.2647±0.0764	0.2255±0.0713	0.2455±0.0774	0.2405±0.1294
Kidney	3.3819±1.6598	2.1715±0.1379	4.6669±0.3335	1.6925±0.2874
Muscle	0.0812±0.0031	0.0374±0.0023	0.0388±0.0061	0.02255±0.0057
Fat	0.2544±0.3285	0.0642±0.0458	0.0376±0.0046	0.0421±0.0335
Heart	0.1736±0.0152	0.1075±0.0135	0.0700±0.0071	0.0754±0.0117
Brain	0.0187±0.0054	0.0083±0.0006	0.0103±0.0022	0.0082±0.0028
Pituitary	7.1467±1.7887	5.9289±1.4594	0.2630±0.1457	4.3085±0.9623
Bone	1.5962±0.1703	1.1787±0.1051	0.2098±0.0321	0.6631±0.0838
Adrenals	16.2112±3.4635	14.6157±0.7643	0.4317±0.0510	7.7934±0.7870
Pancreas	5.7053±0.4201	4.0025±0.2496	0.4570±0.0131	0.8513±0.1508
Tumor	3.2317±0.6440	2.8649±0.5193	0.7035±0.0693	1.0060±0.1984
Stomach	1.9326±0.5090	1.0657±0.5789	0.01124±0.0324	0.4312±0.1137
Small Intestine	1.1804±0.1202	0.8389±0.0922	0.1187±0.0244	0.3611±0.0445
Upper Large Intestine	1.0582±0.0891	1.0221±0.1925	0.2512±0.0430	0.3253±0.0521
Lower Large Intestine	0.6184±0.0380	0.8817±0.0923	0.5576±0.1106	0.4526±0.0532

Supplemental Table 2. Biodistribution Results of ^{64}Cu -CB-TE2A-sst₂-ANT in Male Lewis Rats (%ID/g)

Organ	1h	4h	4h blockade	24h
Blood	0.2506±0.0467	0.0519±0.0099	0.0806±0.0777	0.0117±0.0013
Lung	0.6191±0.0854	0.2339±0.0288	0.3470±0.0752	0.0740±0.0410
Liver	0.9232±0.0878	1.3234±0.2552	1.7642±0.6041	0.9421±0.0747
Spleen	0.3176±0.0340	0.2840±0.0197	0.5135±0.2275	0.2051±0.0161
Kidney	2.9739±0.2881	2.8259±0.1071	2.1960±0.4197	2.5117±0.1748
Muscle	0.0976±0.0160	0.0262±0.0039	0.0360±0.0173	0.0090±0.0010
Fat	0.01465±0.0585	0.0333±0.0069	0.1002±0.0936	0.0131±0.0062
Heart	0.1884±0.0248	0.0694±0.0060	0.0786±0.0416	0.0178±0.0025
Brain	0.0147±0.0044	0.0071±0.0013	0.0060±0.0008	0.0024±0.0009
Pituitary	3.6893±0.5323	1.1736±0.3913	0.3423±0.2266	0.3039±0.2942
Bone	0.5861±0.0348	0.3245±0.263	0.1461±0.0151	0.1519±0.0253
Adrenals	7.8295±1.8835	3.4574±0.9927	0.4849±0.1641	0.5282±0.2813
Pancreas	4.7328±0.9601	2.5616±0.3802	0.4360±0.0558	0.3354±0.0315
Tumor	1.6862±0.3690	1.8087±0.5539	0.4664±0.0882	0.8370±0.0561
Stomach	0.5109±0.1547	0.1847±0.0477	0.0885±0.02550	0.1039±0.0595
Small Intestine	0.3166±0.0645	0.1191±0.0136	0.1322±0.0763	0.0530±0.0112
Upper Large Intestine	0.4264±0.0403	0.2304±0.0811	0.2804±0.1150	0.0990±0.0177
Lower Large Intestine	0.3681±0.0293	0.3755±0.0454	0.2925±0.1383	0.2617±0.0424