

SUPPLEMENTAL TABLE 1. Biodistribution of DOTA-MGS5 radiolabeled with different radiometals in the A431-CCK2R/A431-mock mouse tumor model. Values are expressed as % IA/g (mean±SD, n=4)

Time p.i.	¹¹¹ In-DOTA-MGS5	¹¹¹ In-DOTA-MGS5	¹¹¹ In-DOTA-MGS5*	⁶⁸ Ga-DOTA-MGS5	¹⁷⁷ Lu-DOTA-MGS5
	1 h	4 h	after imaging	1 h	4 h
blood	1.19±0.29	0.05±0.03	0.04±0.01	1.47±0.82	0.14±0.11
lung	0.93±0.30	0.09±0.05	0.07±0.03	1.35±0.64	0.19±0.14
heart	0.48±0.10	0.05±0.02	0.07±0.02	0.82±0.51	0.10±0.07
muscle	0.46±0.23	0.26±0.28	0.04±0.01	0.22±0.17	0.11±0.02
bone	0.35±0.11	0.11±0.09	0.06±0.02	0.37±0.17	0.24±0.28
spleen	0.43±0.07	0.16±0.04	0.13±0.04	0.68±0.38	0.22±0.16
intestine	0.95±0.06	1.15±0.31	0.34±0.04	0.79±0.35	1.02±0.28
liver	0.87±0.10	0.46±0.03	0.66±0.60	1.02±0.52	0.74±0.59
kidney	5.28±0.87	3.88±0.45	1.61 ±0.21	5.71±1.38	3.84±0.64
stomach	11.16±1.40	8.24±2.39	3.17±0.77	5.12±1.13	6.86±4.68
pancreas	2.34±0.85	1.60±0.50	0.11±0.02	1.83±0.42	2.54±0.25
tumor xenograft					
A431-CCK2R	19.53±5.42	23.49±1.25	14.04±4.73	23.25±4.70	24.45±3.11
A431-mock	0.80±0.12	0.30±0.12	0.32±0.18	0.78±0.26	0.18±0.01*

* n=3

SUPPLEMENTAL TABLE 2. Tumor-to-organ activity ratios for A431-CCK2R xenografts of DOTA-MGS5 radiolabeled with different radiometals (mean±SD, n=4)

Time p.i.	¹¹¹ In-DOTA-MGS5	¹¹¹ In-DOTA-MGS5	¹¹¹ In-DOTA-MGS5*	⁶⁸ Ga-DOTA-MGS5	¹⁷⁷ Lu-DOTA-MGS5
	1 h	4 h	after imaging	1 h	4 h
Tumor/blood	17.4±7.4	572±243	340±100	18.9±7.5	256±123
Tumor/kidney	3.87±1.57	6.11±0.64	4.35±0.56	4.10±0.26	6.53±1.60
Tumour/stomach	1.76±0.49	3.08±1.07	9.04±3.86	4.60±0.80	4.74±2.59

* n=3

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