



Supplemental Figure 1 Tissue biodistribution of A) ^{225}Ac -isotope in glioblastoma-bearing mice and B) ^{225}Ac -isotope in naïve mice. Shown is the tissue uptake in %ID/g at different time points. Reported values are means \pm SEM.

Supplemental Table 1 Absorbed dose calculations for $^{225}\text{Ac-E4G10}$ at day 10 after anti-vascular therapy in naïve mice and glioblastoma-bearing mice. Dose estimates are displayed in Gy/MBq (Gy/37 μCi).

| | Naïve mice | | Glioblastoma mice | |
|--------------------|-------------------|-----------|--------------------------|-----------|
| | mean | SD | mean | SD |
| Blood | 147 | 30 | 83 | 20 |
| Heart | 64 | 14 | 48 | 8 |
| Kidney | 160 | 28 | 142 | 17 |
| Lung | 78 | 17 | 84 | 21 |
| Spleen | 406 | 103 | 846 | 72 |
| Liver | 1016 | 132 | 1577 | 535 |
| Stomach | 33 | 8 | 43 | 11 |
| Intestine | 80 | 20 | 263 | 67 |
| Muscle | 26 | 5 | 22 | 4 |
| Bone | 366 | 151 | 244 | 112 |
| Brain | 3.1 | 0.8 | N/D | N/D |
| Tumor/Brain | N/D | N/D | 24.0 | 4.8 |