

hu5A10 radioimmunotheranostics

Supplementary Table S1. Dosimetry of [²²⁵Ac]hu5A10 (11.1 kBq/500nCi) and [⁹⁰Y]hu5A10 (18.5 MBq/500μCi) in the LNCaP-AR s.c. model.

| Organs | [²²⁵Ac]hu5A10 | | [⁹⁰Y]hu5A10 | |
|------------------|---------------------------------|----------------------------------|-------------------------------|----------------------------------|
| | Absorbed dose (Gy) | Absorbed Dose/IA (Gy/MBq) | Absorbed dose (Gy) | Absorbed Dose/IA (Gy/MBq) |
| Intestine | 0.2 | 18.02 | 1.2 | 0.22 |
| Spleen | 2.77 | 249.55 | 3.26 | 0.59 |
| Liver | 1.98 | 178.38 | 5.36 | 0.97 |
| Kidney | 0.44 | 39.64 | 2.19 | 0.40 |
| Lungs | 0.77 | 69.37 | 2.98 | 0.54 |
| Heart | 0.38 | 34.23 | 2.61 | 0.47 |
| Tumor | 9.3 | 837.84 | 13.37 | 2.41 |

IA – injected activity