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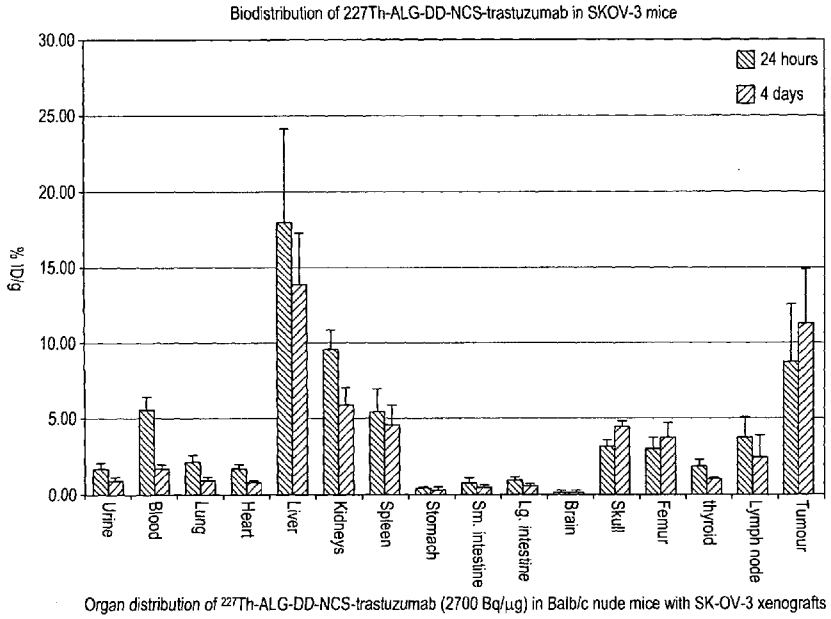
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(54) **Title**: ALPHA-EMITTING COMPLEXES




Organ distribution of $^{227}$Th-ALG-DD-NCS-trastuzumab (2700 Bq/µg) in Balb/c nude mice with SK-OV-3 xenografts

FIG. 21

(57) **Abstract**: The present invention provides a tissue-targeting complex comprising a tissue targeting moiety, an octadentate hydroxypyridinone-containing ligand and the ion of an alpha-emitting thorium radionuclide. The invention additionally provides therapeutic methods employing such complexes, methods of their production and use, and kits and pharmaceutical compositions comprising such complexes.

WO 2011/098611 A2