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(54) Title: PEPTIDES WHICH TARGET TUMOR AND ENDOTHELIAL CELLS, COMPOSITIONS AND USES THEREOF

(57) Abstract: The present invention relates generally to peptide analogs of Ac-PHSCN-NH_2 which target tumor and endothelial cells and have anti-tumor, anti-angiogenic and anti-metasastic activity, methods of making these peptides, compositions thereof and methods of using these peptides and pharmaceutical compositions thereof to treat, prevent and detect diseases characterized by tumor growth, metastasis and angiogenesis. The peptide analogs may serve, *inter alia*, as carriers of radioactivity, PET-active compounds, toxins, fluorescent molecules and PEG molecules.

WO 2004/063213 A3