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(54) Title: RADIOPHARMACEUTICAL COMPOSITIONS TARGETING GLYPICAN-3 AND USES THEREOF

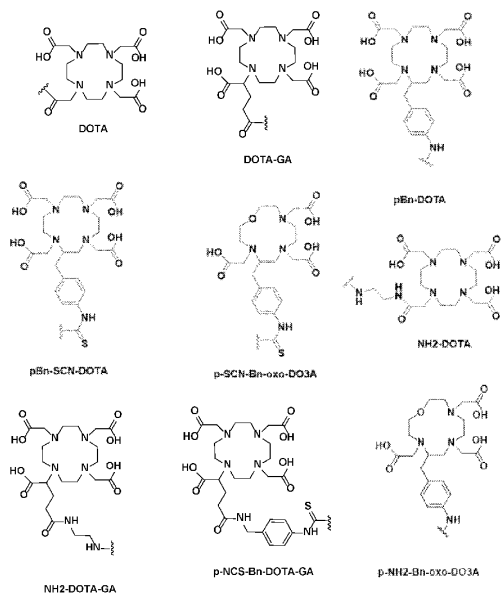


FIG. 4A

(57) Abstract: Provided herein are radiopharmaceuticals and conju-
gates, and compositions thereof targeting GPC3 and uses thereof. In
one aspect, provided herein are conjugates that comprise a peptide
with avidity to GPC3 and a metal chelator configured to bind with a
radionuclide. The conjugates described herein can further comprise
a linker connecting the chelator and the peptide. The conjugates de-
scribed herein can further comprise a radionuclide. In one aspect, pro-
vided herein are radiopharmaceuticals that comprise a peptide and
a metal chelator bound to a radionuclide. The conjugates described
herein can further comprise a linker connecting the chelator and the
peptide. Further provided herein are methods of treating cancer by
administering the described radiopharmaceuticals, conjugates, com-
positions thereof.

[Continued on next page]

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