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(71) Applicant: **ONCOONE RESEARCH & DEVELOPMENT GMBH** [AT/AT]; Höhenstraße 19/2, 3400 Klosterneuburg (AT).

(72) Inventors: **SCHINAGL, Alexander**; Friedrich-Engels-Platz 15-16/9/36, 1200 Vienna (AT). **KERSCH-BAUMER, Randolph**; Höhenstraße 19/1, 3400 Klosterneuburg (AT). **THIELE, Robert Michael**; Fasangasse 1-5/15, 2201 Seyring (AT).

(74) Agent: **LOIDL, Manuela** et al.; Donau-City-Strasse 11, 1220 Vienna (AT).

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(54) Title: ANTI-oxMIF RADIOIMMUNOCONJUGATE

(57) Abstract: The present invention relates to the development of methods and tools effective for treating, preventing, and diagnosing cancer. Specifically, the present invention is directed to a radioisotope conjugated to an anti-oxMIF antibody (anti-oxMIF radioimmunoconjugate) with improved properties such as reduced aggregation potential and reduced hydrophobicity due to selected amino acid substitutions in the light and heavy chain variable domains and methods of treating, preventing, and diagnosing cancer comprising using the anti-oxMIF radioimmunoconjugate.



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