

Title (en)  
CYTOTOXINS AND DIAGNOSTIC IMAGING AGENTS COMPRISING HSP90 LIGANDS

Title (de)  
ZYTOTOXINE UND MITTEL FÜR DIAGNOSTISCHE BILDGEBUNG MIT HSP90-LIGANDEN

Title (fr)  
CYTOTOXINES ET AGENTS D'IMAGERIE DE DIAGNOSTIC COMPRENANT DES LIGANDS HSP90

Publication  
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Application  
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Abstract (en)  
[origin: WO2004054624A1] Cytotoxic compounds and diagnostic imaging agents comprising HSP90-ligands and methods of use thereof are described.

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**A61K 51/00**; **A61M 36/14**; **A61P 43/00**

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Citation (search report)  
• [X] WO 0003737 A2 20000127 - US HEALTH [US], et al  
• [PX] WO 03045319 A2 20030605 - ACTIVBIOTICS INC [US], et al & ABSTRACTS OF PAPERS AMERICAN CHEMICAL SOCIETY, vol. 224, no. 1-2, 2002, 224TH NATIONAL MEETING OF THE AMERICAN CHEMICAL SOCIETY; BOSTON, MA, USA; AUGUST 18-22, 2002, pages BIOT 64, ISSN: 0065-7727  
• [X] DATABASE BIOSIS [online] BIOSCIENCES INFORMATION SERVICE, PHILADELPHIA, PA, US; 2002, MANDLER RAYA ET AL: "Strategies in conjugating geldanamycin derivatives to monoclonal antibodies that enhance herceptin efficacy in mice bearing HER2-overexpressing xenografts", XP002542020, Database accession no. PREV200200490291  
• [X] MANDLER R ET AL: "Synthesis and evaluation of antiproliferative activity of a geldanamycin-Herceptin TM immunoconjugate", BIOORGANIC & MEDICINAL CHEMISTRY LETTERS, vol. 10, no. 10, 1 May 2000 (2000-05-01), PERGAMON, ELSEVIER SCIENCE, GB, pages 1025 - 1028, XP004204597, ISSN: 0960-894X  
• [X] SCHNUR R C ET AL: "Preparation of 17-amino-22-(4'-azido-3'-<125>iodophenacyl)-17- demethoxygeldanamycin (1): An ansamycin for photoaffinity labeling", JOURNAL OF LABELLED COMPOUNDS AND RADIOPHARMACEUTICALS, vol. 34, no. 6, 1994, GB, pages 529 - 536, XP002542021, ISSN: 0362-4803  
• [X] FUKAZAWA H ET AL: "Labeling of v-Src and BCR-ABL tyrosine kinases with [<14>C]herbimycin A and its use in the elucidation of the kinase inactivation mechanism", FEBS LETTERS, vol. 340, no. 3, 1994, NL, pages 155 - 158, XP002542022, ISSN: 0014-5793  
• [DX] CHIOSIS GABRIELA ET AL: "A small molecule designed to bind to the adenine nucleotide pocket of Hsp90 causes Her2 degradation and the growth arrest and differentiation of breast cancer cells", CHEMISTRY AND BIOLOGY, vol. 8, no. 3, March 2001 (2001-03-01), LONDON, pages 289 - 299, XP002542023, ISSN: 1074-5521  
• See references of WO 2004054624A1

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