

Title (en)  
AROMATASE INHIBITOR DIAGNOSIS AND THERAPY

Title (de)  
AROMATASE-HEMMER-DIAGNOSE UND THERAPIE

Title (fr)  
DIAGNOSTIC ET TRAITEMENT FAISANT APPEL A UN INHIBITEUR DE L'AROMATASE

Publication  
**EP 1603535 A4 20081015 (EN)**

Application  
**EP 04757537 A 20040317**

Priority  
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• US 45551003 P 20030318

Abstract (en)  
[origin: WO2004082626A2] The present invention provides pharmaceutical compositions which are useful for imaging and/or treating endometriosis. The compositions are useful for the treatment of reproductive age women, as well as post-menopausal women suffering from this disorder. The pharmaceutical composition is a liposome composition that includes a liposome carrier component that contains on its surface a moiety targeted for an endometriotic implant or leaky blood vessels within the implant. The inventive liposome composition includes an aromatase inhibitor and/or a radiolabeled complex encapsulated by the liposome component. A label capable of external detection can be included so as to permit the detection of an endometrial implant and/or diagnosis of the presence of endometriosis in a patient. The label can be bound to the aromatase inhibitor. Alternatively, when the label is separate from the inhibitor, or when the inhibitor is not present, a radiolabeled complex can be included.

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**A61K 9/127** (2006.01); **A61K 9/133** (2006.01); **A61K 51/12** (2006.01); **A61P 15/00** (2006.01)

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Citation (search report)  
• [X] WO 0193836 A2 20011213 - BOULIKAS TENI [US]  
• [X] WO 0062813 A2 20001026 - UNIV BRITISH COLUMBIA [CA], et al  
• [Y] WO 0120990 A1 20010329 - BIORESPONSE LLC [US]  
• [A] WO 02096927 A2 20021205 - RIBOZYME PHARM INC [US], et al  
• [A] US 2002177574 A1 20021128 - TAYLOR HUGH S [US]  
• [Y] TAKAYAMA KAZUTO ET AL: "Treatment of severe postmenopausal endometriosis with an aromatase inhibitor", FERTILITY AND STERILITY, ELSEVIER SCIENCE INC, NEW YORK, NY, US, vol. 69, no. 4, 1 April 1998 (1998-04-01), pages 709 - 713, XP002379276, ISSN: 0015-0282  
• See references of WO 2004082626A2

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**US 2004008082 W 20040317; EP 04757537 A 20040317**