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(71) Applicant (for all designated States except US): **ERIMOS PHARMACEUTICALS LLC** [US/US]; 9600 Bellaire Boulevard, Suite 228, Houston, TX 77036 (US).

(72) Inventors; and

(75) Inventors/Applicants (for US only): **LO DUCA BLOMBERG, Jessica, Andrea** [US/US]; 2204 Durweston Court, Raleigh, NC 27615 (US). **CHILTON, Anthony, Stephen** [GB/US]; 1035 Richmond Glen Circle, Alpharetta, GA 30004 (US). **INGALLINERA, Thomas, Samuel** [US/US]; 1128 Fort Lamar Road, Charleston, SC 29412 (US).

(74) Agent: **KELLER, Michael, J.**; McDermott Will & Emery, LLP, 201 S. Blsdayne Boulevard, Miami, FL-33131-4336 (US).

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(54) Title: STABLE AQUEOUS FORMULATIONS OF WATER INSOLUBLE OR POORLY SOLUBLE DRUGS

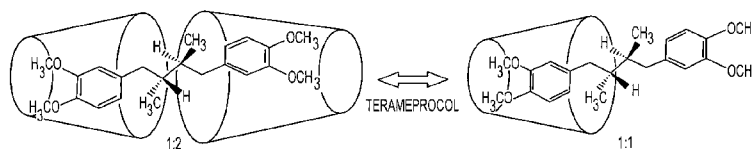


FIG. 4

(57) Abstract: A novel pharmaceutical formulation and process for manufacturing an aqueous based formulation of drugs with low or no water solubility. The drug is combined with the inclusion carrier cyclodextrin, eliminating the need for using organic solvents, to combine the drug, in an aqueous solution of cyclodextrin and heating the resulting mixture above its melting point and allowing the drug to be drawn into the cyclodextrin.

WO 2010/045281 A3

## INTERNATIONAL SEARCH REPORT

International application No.  
**PCT/US2009/060581****A. CLASSIFICATION OF SUBJECT MATTER***A61K 47/40(2006.01)i, A61K 9/00(2006.01)i, A61P 35/00(2006.01)i, A61P 31/10(2006.01)i*

According to International Patent Classification (IPC) or to both national classification and IPC

**B. FIELDS SEARCHED**

Minimum documentation searched (classification system followed by classification symbols)

A61K 47/40; A61K 31/71; A61K 31/715; A61K 9/00; none

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Korean utility models and applications for utility models  
Japanese utility models and applications for utility models

Electronic data base consulted during the international search (name of data base and, where practicable, search terms used)

eKOMPASS(KIPO internal), Pubmed, Google &amp; Keywords: drug carrier, cyclodextrin, catecholic butane, terameprocol

**C. DOCUMENTS CONSIDERED TO BE RELEVANT**

Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	WO 2007-101111 A2 (ERIMOS PHARMACEUTICALS LLC et al.) 07 September 2007 See claims 1, 4-6, 14-16, 29, 34-35, 38, 41, 44-46, 55; paragraphs [0053]-[0055], [0061]-[0072], [0101], [0109], [0106], [0114], [0118], [0180]	1-43
X	US 2008-0096967 A1 (LOPEZ ROCIO ALEJANDRA et al.) 24 April 2008 See claims 1, 4, 17-18, 37-38, 49, 52-53, 58-67; paragraphs [0012]-[0013], [0021]-[0022], [0036]-[0037], [0048], [0050], [0065], [0074]	1-43
A	WO 01-80828 A2 (RTP PHARMA INC.) 01 November 2001 See claims 1, 16-17, 45-47; page 7, lines 4-9, 24-28; page 10, lines 29-31; page 11, lines 5-33; page 12, lines 1-3; page 16, lines 32-33; page 17, lines 1-2, 11-13; page 34, lines 16-18, 27-32; page 35, lines 1-2	1-43
A	US 5376645 A1 (STELLA; VALENTINO J. et al.) 27 December 1994 See column 4, lines 20-21; column 6, lines 29-33; column 8, lines 1-13, 30, 43-44, 51, 54, 64-65; column 12, lines 58-60	1-43

 Further documents are listed in the continuation of Box C. See patent family annex.

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"X" document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone

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Authorized officer

KIM, JONG HO

Telephone No. 042 481 8657



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Information on patent family members

International application No.

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