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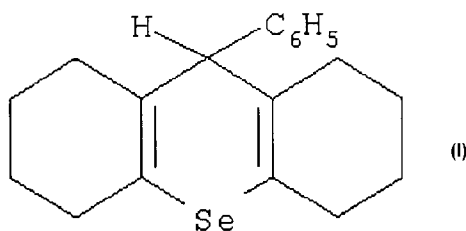
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(54) Title: FERTILITY ENHANCING AGENT



(57) Abstract: Present invention relates to the field of medicine, in particular, to adrology and is also useful in veterinary medicine for treating mammals having impaired fertility. The invention provides a fertility enhancing drug, wherein the drug is a clathrate complex of β -cyclodextrine with 9-phenyl-sym-octahydroselenoxanthene in α -crystalline form represented by structural formula (I) characterized by X-ray powder diffraction (XRD) pattern characterized by powder X-ray diffraction pattern obtained using Cu-K radiation emitter and having characteristic diffraction angles 2 θ : 6.0, 12.0, 15.0, 17.0, 19.0, 20.0, 21.5, 21.7, 20.9, 25.0, 27.0, 28.0, 29.0, 37.0 and by melting temperature 96.8°C. Technical effect provided by present invention consists in improvement of pregnancy and fertility parameters. 6 tables.

INTERNATIONAL SEARCH REPORT

International application No

PCT/IB2013/001124

A. CLASSIFICATION OF SUBJECT MATTER

INV. A61K47/48 C08B37/16 A61P5/24
ADD.

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 C08B

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

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

EPO-Internal, BIOSIS, EMBASE, DISSERTATION ABS, PASCAL, CHEM ABS Data, WPI Data

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
Y	RU 2 414 215 C1 (000 NPR KOMPA NIJA MEDBIOFARM [RU]) 20 March 2011 (2011-03-20) cited in the application the whole document	1,2
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Y	----- RU 2 230 524 C2 (GALOCKIN V A, ET AL.) 20 June 2004 (2004-06-20) the whole document ----- -/--	1,2

☒ Further documents are listed in the continuation of Box C.

☒ See patent family annex.

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"E" earlier application or patent but published on or after the international filing date

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INTERNATIONAL SEARCH REPORT

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PCT/IB2013/001124

C(Continuation). DOCUMENTS CONSIDERED TO BE RELEVANT

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Y	"CHAPTER 3: CYCLODEXTRINS IN PHARMACEUTICALS" In: SZEJTLI J ED - SZEJTLI J: "CYCLODEXTRIN TECHNOLOGY", 1988, KLUWER, DORDRECHT, NL, XP001194813, pages 186-307, page 188 page 200; figures 3-9 page 205, left-hand column page 283, paragraph 2 -----	1,2
Y	RAJEWSKI R A ET AL: "PHARMACEUTICAL APPLICATIONS OF CYCLODEXTRINS. 2. IN VIVO DRUG DELIVERY", JOURNAL OF PHARMACEUTICAL SCIENCES, vol. 85, no. 11, 1 November 1996 (1996-11-01), pages 1142-1169, XP000629515, ISSN: 0022-3549, DOI: 10.1021/JS960075U page 1162 -----	1,2
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INTERNATIONAL SEARCH REPORT

International application No

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C(Continuation). DOCUMENTS CONSIDERED TO BE RELEVANT

Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X,P	WO 2012/115538 A1 (OBSHESTVO S OGRANICHENNOY OTVETSTVENNOSTYU NI KOMPANIYA MEDBIOPHARM [] 30 August 2012 (2012-08-30) examples claims -----	1,2

INTERNATIONAL SEARCH REPORT

Information on patent family members

International application No

PCT/IB2013/001124

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RU 2230526	C2	20-06-2004	NONE
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			EP 2679584 A1 01-01-2014
			US 2014023713 A1 23-01-2014
			WO 2012115538 A1 30-08-2012
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