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(54) Title: COMPOSITIONS, METHODS OF TREATMENT AND DIAGNOSTICS FOR TREATMENT OF HEPATIC STEATOSIS ALONE OR IN COMBINATION WITH A HEPATITIS C VIRUS INFECTION

(57) Abstract: The present invention is directed to pharmaceutical compositions and methods of treatment that relate to the inhibition, resolution and/or prevention of an array of the manifestations of metabolic syndromes, including Type 2 diabetes, hyperlipidemia, weight gain, obesity, insulin resistance, hypertension, atherosclerosis, fatty liver diseases and certain chronic inflammatory states that lead to these manifestations, among others. In additional aspects, the present invention relates to compositions and methods which may be used to treat, inhibit or reduce the likelihood of hepatitis viral infections, including Hepatitis B and Hepatitis C viral infections, as well as the secondary disease states and/or conditions which are often associated with such viral infections, including hepatic steatosis (steatohepatitis), cirrhosis, fatty liver and hepatocellular cancer, among other disease states or conditions.



A. CLASSIFICATION OF SUBJECT MATTER*A61K 31/70(2006.01)i, A61K 35/12(2006.01)i, A61P 31/12(2006.01)i, A61P 31/00(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 31/70; A61K 9/14; A61K 39/395; A61K 9/00; A61K 47/02; C07H 19/20; A61K 9/127; A61K 31/7076; A61K 38/21

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), Google & PubMed

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X A	US 2009-0238790 A2 (SOMMADOSSI, JEAN-PIERRE et al.) 24 September 2009 See abstract and paragraphs [0431], [0457], [0458], [0481].	56-64,67 68-70
X Y	US 2010-0143481 A1 (SHENOY, DINESH et al.) 10 June 2010 See paragraphs [0048], [0050]-[0053], [0056] and claims 7, 9, 13.	56-62,67,68,70 69
X Y	US 2004-0062778 A1 (SHEFER, ADI et al.) 01 April 2004 See paragraphs [0058], [0059], [0090], [0092] and claims 15, 31, 45, 70.	56-62,67,68,70 69
Y	US 2010-0297075 A1 (CHAN, THOMAS C.K. et al.) 25 November 2010 See paragraphs [0044]-[0055].	69

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

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"&" document member of the same patent family

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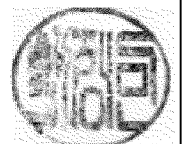
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