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(54) Title: CYCLOALKENYL ARYL DERIVATIVES FOR CETP INHIBITOR

(57) Abstract: The present invention relates to cycloalkenyl aryl derivatives, isomers thereof, pharmaceutically acceptable salts thereof, hydrates thereof, or solvates thereof; a method for preparing the derivatives; and pharmaceutical compositions containing the same. The compounds of the present invention show the effect of CETP activity inhibition. It means that the compounds can increase HDL-cholesterol and decrease LDL-cholesterol.



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A. CLASSIFICATION OF SUBJECT MATTER

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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)

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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)

eKOMPASS (KIPO internal), NCBI (PubMed, MeSH), Google, STN (Registry, CAPlus)

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
A	US 2008-0242711 A1 (ROGER TUNG) 02 October 2008 See the whole document.	1-8
A	WO 2010-039474 A1 (MERCK SHARP & DOHME CORP.) 08 April 2010 See the whole document.	1-8
A	RAJESH KRISHNA et al., 'Single-dose pharmacokinetics and pharmacodynamics of anacetrapib, a potent cholesteryl ester transfer protein (CETP) inhibitor, in healthy subjects', British Journal of Clinical Pharmacology, 2009, Vol. 68, No. 4, pp. 535-545, ISSN 0306-5251 See the whole document.	1-8
A	DANIEL BLOOMFIELD et al., 'Efficacy and safety of the cholesteryl ester transfer protein inhibitor anacetrapib as monotherapy and coadministered with atorvastatin in dyslipidemic patients', American Heart Journal, 2009, Vol. 157, No. 2, pp. 352-360, 360/e1-360/e2, ISSN 0002-8703 See the whole document.	1-8



Further documents are listed in the continuation of Box C.



See patent family annex.

* Special categories of cited documents:

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"O" document referring to an oral disclosure, use, exhibition or other means

"P" document published prior to the international filing date but later than the priority date claimed

"T" later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention

"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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"&" document member of the same patent family

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INTERNATIONAL SEARCH REPORT

Information on patent family members

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Patent document cited in search report	Publication date	Patent family member(s)	Publication date
US 2008-0242711 A1	02.10.2008	CA 2681628 A1	25.09.2008
		EP 2136637 A1	30.12.2009
		EP 2136637 A4	13.07.2011
		WO 2008-115442 A1	25.09.2008
WO 2010-039474 A1	08.04.2010	EP 2348859 A1	03.08.2011
		US 2011-218177 A1	08.09.2011