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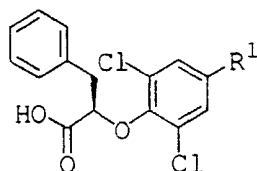
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(54) Title: 3-PHENYL-PROPANOIC ACID DERIVATIVES AS PROTEIN TYROSINE PHOSPHATASE INHIBITORS



(I)

(57) Abstract: Compound of formula (I) or therapeutically acceptable salts thereof, are protein tyrosine kinase PTP1B inhibitors. Preparation of the compounds, compositions containing the compounds, and treatment of diseases using the compounds are disclosed.

INTERNATIONAL SEARCH REPORT

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A. CLASSIFICATION OF SUBJECT MATTER

IPC 7 C07D307/91 C07D209/08 C07D309/18 C07D339/08 A61K31/36
A61K31/404 A61K31/385 A61P3/06

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)

IPC 7 C07D

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 practical, search terms used)

WPI Data, EPO-Internal, PAJ, CHEM ABS Data

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	WO 99 61410 A (AMERICAN HOME PROD) 2 December 1999 (1999-12-02) * see p.26/27, and claim 1, C = aryl, heteroaryl, overlap of chemical formula * the whole document --- -/--	1-16



Further documents are listed in the continuation of box C.



Patent family members are listed in 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

Y document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art.

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Date of the actual completion of the international search

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INTERNATIONAL SEARCH REPORT

International Application No

PCT/US 01/26356

C.(Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT

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Y	MALAMAS, M.S. ET AL.: "Novel Benzofuran and Benzothiophene Biphenyls as Inhibitors of Protein Tyrosine Phosphatase 1B with Antihyperglycemic Properties" J.MED.CHEM., vol. 43, no. 7, 6 April 2000 (2000-04-06), pages 1293-1310, XP002190818 WASHINGTON * see p.1298, table 1, exs. 63-66, p.1300, table 2, exs. 103, 104 * the whole document	1-16
Y	WO 99 58518 A (AMERICAN HOME PROD) 18 November 1999 (1999-11-18) * see claim 1, definition of R3, R4 and R5 * the whole document	1-16
Y	WO 99 61435 A (AMERICAN HOME PROD) 2 December 1999 (1999-12-02) * see claim 1, definition of B, D and C * the whole document	1-16
Y	WO 99 46267 A (NOVONORDISK AS ; ONTOGEN CORP (US)) 16 September 1999 (1999-09-16) cited in the application * see p.29, line 27 - p.31, line 13 * the whole document	1-16
A	WO 99 46268 A (NOVONORDISK AS ; ONTOGEN CORP (US)) 16 September 1999 (1999-09-16) cited in the application * see p.29, line 14-p.31, line 18 * the whole document	1-16
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International Application No
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C.(Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT

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Y	EP 0 455 006 A (AMERICAN CYANAMID CO) 6 November 1991 (1991-11-06) * see claim 1 * the whole document -----	1-16

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