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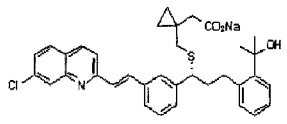
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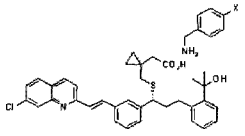
[Continued on next page]

(54) Title: NOVEL MONTELUKAST 4-HALOBENZYLAMINE SALT AND METHOD FOR PREPARING MONTELUKAST SODIUM SALT BY USING THE SAME

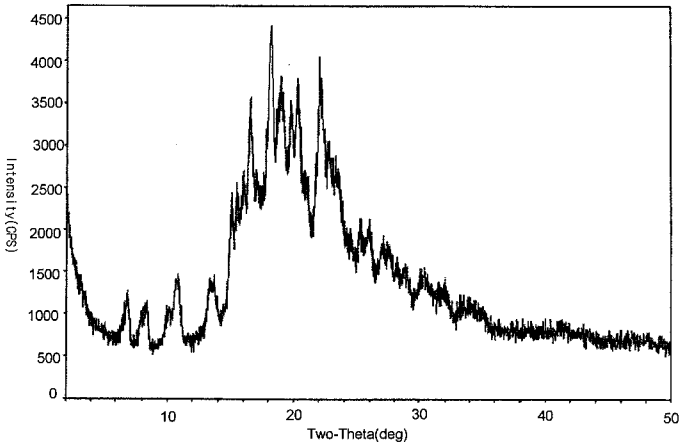
[Formula 1]



[Formula 2]



【Figure 1】



(57) Abstract: Disclosed are a novel montelukast 4-halobenzylamine salt, and a method for preparing a montelukast sodium salt by using the same. In the disclosed method, a montelukast 4-halobenzylamine salt represented by Formula 2 or a montelukast sodium salt represented by Formula 1 is prepared by obtaining a compound represented by Formula 3 from a compound represented by Formula 5, in the same reactor, without an additional obtaining process. (Formular I and II should be inserted here) In Formula 2, X represents F, CI, Br or I.

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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

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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	KR 10-2009-0051854 A (BORYUNG PHARMACEUTICAL CO., LTD.) 25 May 2009 See the whole document.	1-14
A	KR 10-2009-0051855 A (BORYUNG PHARMACEUTICAL CO., LTD.) 25 May 2009 See the whole document.	1-14
A	WO 2009-027990 A1 (MOREPEN LABORATORIES LIMITED et al.) 05 March 2009 See the whole document.	1-14

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

☒ See patent family annex.

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KR 10-2009-0051854 A	25.05.2009	None	
KR 10-2009-0051855 A	25.05.2009	None	
WO 2009-027990 A1	05.03.2009	None	