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(54) **Title:** MANUFACTURING METHOD OF HETEROCYCLIC COMPOUND

(57) **Abstract:** Disclosed is a method of manufacturing a heterocyclic compound, which treats a compound containing an acyl derivative with water and an active material to concurrently proceed cyclization and hydrolysis, so that one-pot reaction may be performed to hence achieve advantages such as a simple and convenient working process, reduction in processing time, and production of a compound with high purity of more than 98% and high yield, compared to typical stepwise processes known in related art.

A. CLASSIFICATION OF SUBJECT MATTER*C07D 413/10(2006.01)i, A61K 31/4184(2006.01)i, A61P 9/00(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)

C07D 413/10; A61K 31/4245; A61K 31/42; A61K 31/435; A61P 9/12

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), 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 5583141 A (NAKA, TAKEHIKO et al.) 10 December 1996 See the entire document.	1-10
A	US 2010-0016382 A1 (NOMURA, YUKIHIRO et al.) 21 January 2010 See the entire document.	1-10

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

* Special categories of cited documents:

"A" document defining the general state of the art which is not considered to be of particular relevance

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"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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