

INTERNATIONAL SEARCH REPORT

International application No.

PCT/CN2024/116083

A. CLASSIFICATION OF SUBJECT MATTER

C07D498/18(2006.01)i; C07D519/00(2006.01)i; A61K31/504(2006.01)i; A61P35/00(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)

IPC:C07D,A61K,A61P

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)

CNTXT, ENTXT, CNKI, ISI Web of Knowledge, CAPLUS(STN), REGISTRY(STN): 大环, 巨环, 抑制剂, 蛋白质, RAS, inhibitor, macrocycl+, cancer, tumor

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	CN 116209438 A (REVOLUTION MEDICINES INC.) 02 June 2023 (2023-06-02) claims 44 and 52, and description, paragraphs [0838]-[0876], [1288], [1314]-[1315], [2533], and [2583]	1-16
A	CN 114786777 A (REVOLUTION MEDICINES INC.) 22 July 2022 (2022-07-22) claims 31 and 34-37, and description, paragraphs [0596] and [0647]	1-16
A	CN 114867735 A (REVOLUTION MEDICINES INC.) 05 August 2022 (2022-08-05) claims 1, 34, and 36-37, and description, paragraphs [0431]-[0610]	1-16
A	WO 2022235870 A1 (REVOLUTION MEDICINES, INC.) 10 November 2022 (2022-11-10) claims 1, 16, and 19, and description page 82 line 32-page 83 line 4	1-16
A	CN 114621186 A (SHANGHAI WEISHEN MEDICINE CO., LTD.) 14 June 2022 (2022-06-14) abstract, claims 1-9, and description, paragraph [0045]	1-16

☐ 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

“D” document cited by the applicant in the international application

“E” earlier application or patent but published on or after the international filing date

“L” document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified)

“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

“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

“&” document member of the same patent family

Date of the actual completion of the international search

26 November 2024

Date of mailing of the international search report

02 December 2024

Name and mailing address of the ISA/CN

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INTERNATIONAL SEARCH REPORT
Information on patent family members

International application No.

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Patent document cited in search report			Publication date (day/month/year)	Patent family member(s)			Publication date (day/month/year)
CN	116209438	A	02 June 2023	MX	2023002248	A	16 May 2023
				CA	3187757	A1	24 March 2022
				KR	20230081726	A	07 June 2023
				EP	4208261	A1	12 July 2023
				IL	301062	A	01 May 2023
				JP	2023541236	A	29 September 2023
				WO	2022060583	A1	24 March 2022
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				AU	2021344830	A2	13 April 2023
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