

INTERNATIONAL SEARCH REPORT

International application No.

PCT/CN2019/094643

A. CLASSIFICATION OF SUBJECT MATTER

C12P 7/64(2006.01)j

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)

C12P

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)

VEN, CNABS, CNKI, CNTXT, PubMed, ISI Web of Knowledge, STN, 嘉必优生物技术, 李翔宇, OPO, USU, OPL, 三棕榈酸甘油酯, 油脂, 棕榈油硬脂, 脂肪酶, trisaturated fatty acid glyceride, saturated fatty acid residue, saturated fatty acid salt, Novozym 435, Lipase DF Amano, 1435939-45-9, 9001-62-1, 287970-25-6

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
PX	CN 108796000 A (CABIO BIOTECHNOLOGY (WUHAN) CO., LTD.) 13 November 2018 (2018-11-13) claims 1-10	1-14
PX	CN 108823255 A (CABIO BIOTECHNOLOGY (WUHAN) CO., LTD.) 16 November 2018 (2018-11-16) claims 1-10	1-14
PX	CN 108795998 A (CABIO BIOTECHNOLOGY (WUHAN) CO., LTD.) 13 November 2018 (2018-11-13) claims 1-10	1-14
PX	CN 108642097 A (CABIO BIOTECHNOLOGY (WUHAN) CO., LTD.) 12 October 2018 (2018-10-12) claims 1-10	1-14
PX	CN 108865445 A (CABIO BIOTECHNOLOGY (WUHAN) CO., LTD.) 23 November 2018 (2018-11-23) claims 1-10	1-14

 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

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

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"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

Date of the actual completion of the international search

16 September 2019

Date of mailing of the international search report

08 October 2019

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C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	CN 106591386 A (CABIO BIOTECHNOLOGY (WUHAN) CO., LTD.) 26 April 2017 (2017-04-26) claims 1-10, description, paragraph [0020], and embodiment 4	1-3, 6-14
A	冀颐之 等 (JI, Yizhi et al.). "人乳脂替代品1, 3-二油酸-2-棕榈酸三甘酯的研究进展 (Advances on 1, 3-Dioleoyl-2-Palmitoyl Glycerol as Human Milk Fat Substitutes)" <i>生命的化学 (Chemistry of Life)</i> , Vol. 37, No. 5, 31 December 2017 (2017-12-31), pp. 789-796	1-14
Y	CN 107828830 A (GUANGZHOU HANFANG PHARMACEUTICAL CO., LTD.) 23 March 2018 (2018-03-23) claims 1-10	4, 5
Y	CN 106591386 A (CABIO BIOTECHNOLOGY (WUHAN) CO., LTD.) 26 April 2017 (2017-04-26) claims 1-10, description, paragraph [0020], and embodiment 4	4, 5

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 108796000 A	13 November 2018	None	
CN 108823255 A	16 November 2018	None	
CN 108795998 A	13 November 2018	None	
CN 108642097 A	12 October 2018	None	
CN 108865445 A	23 November 2018	None	
CN 106591386 A	26 April 2017	CN 104087626 A	08 October 2014
CN 107828830 A	23 March 2018	None	