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(54) Title: DEGRADATION OF IRAK4 BY CONJUGATION OF IRAK4 INHIBITORS WITH E3 LIGASE LIGAND AND METHODS OF USE

(57) Abstract: Disclosed herein are novel bifunctional compounds formed by conjugating IRAK4 inhibitor moieties with E3 ligase ligand moieties, which function to recruit targeted proteins to E3 ubiquitin ligase for degradation, and methods of preparation and uses thereof.

From the INTERNATIONAL BUREAU

PCT

NOTIFICATION OF THE RECORDING OF A CHANGE

(PCT Rule 92*bis*.1 and
Administrative Instructions, Section 422)

To:

WU , FENG & ZHANG
3FL, Building 4, Yard 38, Linfengerlu Road,
Greenland Central Square
Haidian District, Beijing 100089
CHINE

Date of mailing (day/month/year) 26 November 2024 (26.11.2024)			
Applicant's or agent's file reference F23W1148PCT		IMPORTANT NOTIFICATION	
International application No. PCT/CN2023/099146		International filing date (day/month/year) 08 June 2023 (08.06.2023)	
1. The following indications appeared on record concerning: ☒ the applicant ☐ the inventor ☐ the agent ☐ the common representative			
Name and Address BEIGENE, LTD. C/o Mourant Governance Services (Cayman) Limited, 94 Solaris Avenue, Camana Bay, Grand Cayman KY1-1108 CAYMAN ISLANDS		State of Nationality GB	State of Residence GB
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		Facsimile No.	
		E-mail address	
2. The International Bureau hereby notifies the applicant that the following change has been recorded concerning: ☐ the person ☐ the name ☐ the address ☒ the nationality ☒ the residence			
Name and Address BEIGENE, LTD. C/o Mourant Governance Services (Cayman) Limited, 94 Solaris Avenue, Camana Bay, Grand Cayman KY1-1108 CAYMAN ISLANDS		State of Nationality	State of Residence
		Telephone No.	
		Facsimile No.	
		E-mail address ☐ Notifications by e-mail authorized	
3. Further observations, if necessary: Since Cayman Islands is not the indication of a State, the nationality and residence of the person identified in Box 2 are left blank. The person identified in Box 2 has been recorded as the first applicant for all designated States except JP.			
4. A copy of this notification has been sent to: ☒ the receiving Office ☒ the International Preliminary Examining Authority ☐ the International Searching Authority ☒ the designated Offices concerned ☐ the Authority(ies) specified for supplementary search ☐ the elected Offices concerned ☐ other:			
The International Bureau of WIPO 34, chemin des Colombettes 1211 Geneva 20, Switzerland		Authorized officer Wang Jessica e-mail pct.team2@wipo.int Telephone No. +41 22 338 74 02	

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1. The following indications appeared on record concerning: ☒ the applicant ☒ the inventor ☐ the agent ☐ the common representative			
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		Telephone No.	
		Facsimile No.	
		E-mail address ☐ Notifications by e-mail authorized	
3. Further observations, if necessary: The person identified above is now inventor only, and has been recorded as the 1st inventor. The order of inventors is now: (1) LIU Huaqing, (2) SUN Dongqing, (3) WANG Zhiwei.			
4. A copy of this notification has been sent to: ☒ the receiving Office ☐ the International Searching Authority ☐ the Authority(ies) specified for supplementary search ☐ the International Preliminary Examining Authority ☒ the designated Offices concerned ☐ the elected Offices concerned ☐ other:			
The International Bureau of WIPO 34, chemin des Colombettes 1211 Geneva 20, Switzerland		Authorized officer Wang Jessica e-mail pct.team2@wipo.int Telephone No. +41 22 338 74 02	