

(12) 按照专利合作条约所公布的国际申请

(19) 世界知识产权组织
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(71) 申请人: 上海赛默罗生物科技有限公司 (SHANGHAI SIMR BIOTECHNOLOGY CO., LTD) [CN/CN]; 中国上海市上海国际医学园区半夏路100弄26号楼, Shanghai 201318 (CN)。上海赛默罗德生物科技有限公司 (SHANGHAI SIMR BIOTECHNOLOGY CO., LTD.) [CN/CN]; 中国上海市自由贸易试验区临港新片区环湖西二路888号C楼, Shanghai 201306 (CN)。

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(81) 指定国 (除另有指明, 要求每一种可提供的国家

保护): AE, AG, AL, AM, AO, AT, AU, AZ, BA, BB, BG, BH, BN, BR, BW, BY, BZ, CA, CH, CL, CN, CO, CR, CU, CV, CZ, DE, DJ, DK, DM, DO, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, GT, HN, HR, HU, ID, IL, IN, IQ, IR, IS, IT, JM, JO, JP, KE, KG, KH, KN, KP, KR, KW, KZ, LA, LC, LK, LR, LS, LU, LY, MA, MD, ME, MG, MK, MN, MW, MX, MY, MZ, NA, NG, NI, NO, NZ, OM, PA, PE, PG, PH, PL, PT, QA, RO, RS, RU, RW, SA, SC, SD, SE, SG, SK, SL, ST, SV, SY, TH, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, WS, ZA, ZM, ZW。

(84) 指定国 (除另有指明, 要求每一种可提供的地区

保护): ARIPO (BW, GH, GM, KE, LR, LS, MW, MZ, NA, RW, SD, SL, ST, SZ, TZ, UG, ZM, ZW), 欧亚 (AM, AZ, BY, KG, KZ, RU, TJ, TM), 欧洲 (AL, AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HR, HU, IE, IS, IT, LT, LU, LV, MC, MK, MT, NL, NO, PL, PT, RO, RS, SE, SI, SK, SM, TR), OAPI (BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, KM, ML, MR, NE, SN, TD, TG)。

根据细则4.17的声明:

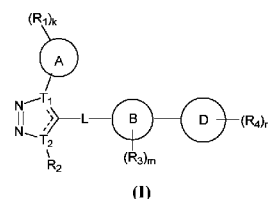
- 关于申请人有权申请并被授予专利 (细则 4.17(ii))
- 发明人资格 (细则4.17(iv))

本国际公布:

- 包括国际检索报告 (条约第21条(3))。

(54) **Title:** SUBSTITUTED TRIAZOLE DERIVATIVE, PREPARATION METHOD THEREFOR, PHARMACEUTICAL COMPOSITION THEREOF, AND USE THEREOF

(54) 发明名称: 取代三唑类衍生物、其制备方法、药物组合物和用途



(57) **Abstract:** Disclosed are a substituted triazole derivative, a preparation method therefor, a pharmaceutical composition thereof, and a use thereof; specifically, provided are a compound represented by general formula (I), cis-trans isomers thereof, enantiomers thereof, diastereoisomers thereof, racemates thereof, solvates thereof, hydrates thereof, or pharmaceutically acceptable salts or prodrugs thereof, a preparation method therefor, a pharmaceutical composition containing the compound, and a use of the compound as an $\alpha 5$ -GABA_A receptor inverse modulator.

(57) **摘要:** 本发明公开了取代三唑类衍生物、其制备方法、药物组合物和用途, 具体提供一种通式(I)所示的化合物、其顺反异构体、其对映异构体、其非对映异构体、其外消旋体、其溶剂合物、其水合物或其药学上可以接受的盐或其前体药物, 其制备方法, 含有该化合物的药物组合物以及所述化合物作为 $\alpha 5$ -GABA_A受体反向调节剂的用途。



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

21st Floor SFECO Mansion 681 Xiaomuqiao Road
Shanghai 200032
CHINE

Date of mailing (<i>day/month/year</i>) 05 February 2024 (05.02.2024)	
Applicant's or agent's file reference P22404227CF	IMPORTANT NOTIFICATION
International application No. PCT/CN2022/111829	International filing date (<i>day/month/year</i>) 11 August 2022 (11.08.2022)
1. The following indications appeared on record concerning: ☒ the applicant ☐ the inventor ☐ the agent ☐ the common representative	
Name and Address SHANGHAI SIMR BIOTECHNOLOGY CO., LTD Building 26, 100 Banxia Road, Shanghai International Medical Park, Pudong New Area Shanghai 201321 CHINA 上海赛默罗生物科技有限公司 中国上海市浦东新区上海国际医学园区半夏路100弄26号楼 201321	State of Nationality CN State of Residence CN Telephone No. 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 SHANGHAI SIMR BIOTECHNOLOGY CO., LTD Building 26, No.100 Banxia Road, International Medical Park, Pudong New Area Shanghai 201318 CHINA 上海赛默罗生物科技有限公司 中国上海市浦东新区上海国际医学园区半夏路100弄26号楼 201318	State of Nationality CN State of Residence CN Telephone No. Facsimile No. E-mail address ☐ Notifications by e-mail authorized
3. Further observations, if necessary:	
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 He Yi e-mail pct.team2@wipo.int Telephone No. +41 22 338 74 02

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Name and Address SHANGHAI SIMRD BIOTECHNOLOGY CO., LTD. Building 3, No. 888 West Huanhu Road Number Two, Nanhui New Town, Pudong New Area Shanghai 201399 CHINA 上海赛默罗德生物科技有限公司 中国上海市浦东新区南汇新城镇环湖西二路888号C楼 201399		State of Nationality CN	State of Residence CN
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Name and Address SHANGHAI SIMRD BIOTECHNOLOGY CO., LTD. Building C, No.888 West Huanhu Road Number Two, Nanhui New Town, Pudong New Area, Shanghai 201306 CHINA 上海赛默罗德生物科技有限公司 中国上海市浦东新区南汇新城镇环湖西二路888号C楼 201306		State of Nationality CN	State of Residence CN
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		E-mail address ☐ Notifications by e-mail authorized	
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Name and Address LIU, Yang Building 26, 100 Banxia Road, Shanghai International Medical Park, Pudong New Area Shanghai 201321 CHINA 刘洋 中国上海市浦东新区上海国际医学园区半夏路100弄26号楼 201321		State of Nationality	State of Residence
		Telephone No.	
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The International Bureau of WIPO 34, chemin des Colombettes 1211 Geneva 20, Switzerland		Authorized officer He Yi e-mail pct.team2@wipo.int Telephone No. +41 22 338 74 02	

From the INTERNATIONAL BUREAU

PCT

NOTIFICATION OF THE RECORDING OF A CHANGE

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

To:

SHANGHAI BESHINING LAW OFFICE
21st Floor SFECO Mansion 681 Xiaomujiao Road
Shanghai 200032
CHINE

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Name and Address JIN, Yun Building 26, 100 Banxia Road, Shanghai International Medical Park, Pudong New Area Shanghai 201321 CHINA 金赞 中国上海市浦东新区上海国际医学园区半夏路100弄26号楼 201321		State of Nationality	State of Residence
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