

(19) World Intellectual Property Organization

International Bureau

(43) International publication date

7 November 2002 (07.11.2002)



PCT



162162

(10) International publication number

WO 02/088073 A1

(51) International patent classification⁷: C07C 311/21, 311/29, C07D 213/56, C07C 311/08, C07D 233/64, 235/16, 307/54, 277/30, 215/14, 231/12, A61K 31/18

(21) International application number: PCT/EP02/04138

(22) International filing date: 13 April 2002 (13.04.2002)

(25) Language of filing: German

(26) Language of publication: German

(30) Data relating to the priority:
101 21 003.5 28 April 2001 (28.04.2001) DE

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G00002



(81) Designated states (*national*): AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NO, NZ, OM, PH, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TN, TR, TT, TZ, UA, UG, UZ, VN, YU, ZA, ZM, ZW.

(84) Designated states (*regional*): ARIPO Patent (GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZM, ZW), Eurasian Patent (AM, AZ, BY, KG, KZ, MD, RU, TJ, TM), European Patent (AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, TR), OAPI Patent (BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG).

Published:

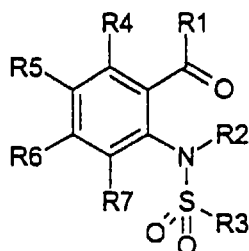
- With the International Search Report.
- Before expiry of the period provided for amending the claims, will be republished if such amendments are received.

For an explanation of the two-letter codes and the other abbreviations, reference is made to the explanations ("Guidance Notes on Codes and Abbreviations") at the beginning of each regular edition of the PCT Gazette.

As printed

(54) Title: ANTHRANILIC ACID AMIDES, METHOD FOR THE PRODUCTION THEREOF, THEIR USE AS ANTIARRHYTHMIA AGENTS, AND PHARMACEUTICAL PREPARATIONS THEREOF

(54) Bezeichnung: ANTHRANILSÄUREAMIDE, VERFAHREN ZU IHRER HERSTELLUNG, IHRE VERWENDUNG ALS ANTIARRHYTHMIKA SOWIE PHARMAZEUTISCHE ZUBEREITUNGEN DAVON



(I)

(57) Abstract: The invention relates to anthranilic acid amides, to a method for the production thereof, to their use as a medicament, and to pharmaceutical preparations containing these anthranilic acid amides. The anthranilic acid amides consist of compounds of formula (I) in which R(1) to (R7) have the meanings as cited in the claims, act upon the Kv1.5 potassium channel, and inhibit a potassium stream described as an "ultra-rapidly activating delayed rectifier" in the human cardiac atrium. The compounds are therefore especially suited as novel antiarrhythmic active substances, particularly for treating and preventing atrial arrhythmias, e.g. atrial fibrillation AF or atrial flutter.

(57) Zusammenfassung: Anthranilsäureamide, Verfahren zu ihrer Herstellung, ihre Verwendung als Medikament sowie sie enthaltende pharmazeutische Zubereitungen. Verbindungen der Formel I, in der R(1) bis (R7) die in den Ansprüchen angegebenen Bedeutungen haben, wirken auf den Kv1.5-Kalium-Kanal und inhibieren einen als "ultra-rapidly activating delayed rectifier" bezeichneten Kaliumstrom im humanen Herzvorhof. Sie sind deshalb ganz besonders geeignet als neuartige antiarrhythmische Wirkstoffe, insbesondere zur Behandlung und Prophylaxe von Vorhof-Arrhythmien, z.B. Vorhofflimmern (atriale Fibrillation, AF) oder Vorhofflattern (atriales Flattern).

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