

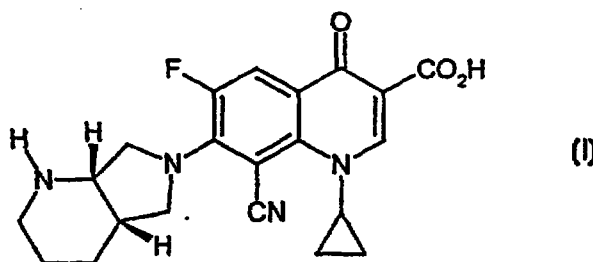
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(21) International application number: PCT/EP00/01202 (22) International filing date: 14 February 2000 (14.02.00) (30) Data relating to the priority: 199 08 449.1 26 February 1999 (26.02.99) DE (71) Applicant (for all designated States except US): BAYER AKTIENGESELLSCHAFT [DE/DE]; D-51368 Leverkusen (DE). (72) Inventors; and (75) Inventors/Applicants (US only): RAST, Hubert [DE/DE]; Auf dem Bruch 77 a, D-51381 Leverkusen (DE). HIMMLER, Thomas [DE/DE]; Schöne Aussicht 1 b, D-51519 Odenthal (DE). (74) Joint Representative: BAYER AKTIENGESELL- SCHAFT; D-51368 Leverkusen (DE).		(81) Designated states: AE, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, CA, CH, CN, CR, CU, CZ, DE, DK, DM, 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, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TR, TT, TZ, UA, UG, US, UZ, VN, YU, ZA, ZW, ARIPO Patent (GH, GM, KE, LS, MW, SD, SL, SZ, TZ, UG, 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), OAPI Patent (BF, BJ, CF, CG, CI, CM, GA, GN, 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.

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(54) Title: CRYSTAL MODIFICATION C OF 8-CYANO-1-CYCLOPROPYL-7- (1S, 6S-2,8- DIAZABICYCLO -[4.3.0] NONAN-8-YL) -6-FLUORO-1,4-DIHYDRO-4-OXO-3-QUINOLINE CARBOXYLIC

(54) Bezeichnung: KRISTALLMODIFIKATION C VON 8-CYAN-1- CYCLOPROPYL -7- (1S, 6S-2,8- DIAZABICYCLO [4.3.0] NONAN -8-YL) -6-FLUOR -1,4- DIHYDRO -4-OXO -3- CHINOLINCARBON

**(57) Abstract**

The invention relates to a defined crystal modification of 8-cyano-1- cyclopropyl -7- (1S,6S-2,8- diazabicyclo [4.3.0] nonan -8-yl)-6- fluoro -1,4- dihydro -4-oxo -3-quinoline carboxylic acid of formula (I), to methods for producing the same and to the use thereof in pharmaceutical formulations. Said crystal modification can be distinguished from other crystal modifications of 8-cyano-1- cyclopropyl -7- (1S,6S-2,8- diazabicyclo [4.3.0] nonan -8-yl) -6- fluoro -1,4- dihydro -4-oxo -3-quinoline carboxylic acid of formula (I) by its characteristic X-ray powder diffractogram and its differential thermodiagram.

(57) Zusammenfassung

Die vorliegende Erfindung betrifft eine definierte Kristallmodifikation von 8-Cyan-1- cyclopropyl -7- (1S, 6S-2,8- diazabicyclo [4.3.0] nonan -8-yl) -6- fluor -1,4- dihydro -4-oxo -3- chinolincarbonsäure der Formel (I), Verfahren zu ihrer Herstellung sowie ihre Verwendung in pharmazeutischen Zubereitungen. Die Kristallmodifikation ist von anderen Kristallmodifikationen von 8-Cyan -1- cyclopropyl -7- (1S, 6S-2,8- diazabicyclo [4.3.0] nonan -8-yl) -6- fluor -1,4- dihydro -4-oxo -3- chinolincarbonsäure der Formel (I) durch ihr charakteristisches Röntgen-Pulverdiffraktogramm und ihr Differentialthermodiagramm unterscheidbar.

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