

(12) INTERNATIONAL APPLICATION PUBLISHED UNDER THE PATENT COOPERATION TREATY (PCT)

(19) World Intellectual Property
Organization

International Bureau

(43) International Publication Date
02 September 2021 (02.09.2021)



(10) International Publication Number
WO 2021/170879 A1

(51) International Patent Classification:

A61P 31/22 (2006.01) A61K 31/517 (2006.01)
C07D 239/84 (2006.01)

(21) International Application Number:

PCT/EP2021/055065

(22) International Filing Date:

01 March 2021 (01.03.2021)

(25) Filing Language:

English

(26) Publication Language:

English

(30) Priority Data:

20159709.3 27 February 2020 (27.02.2020) EP

(71) Applicant: AIC246 GMBH & CO. KG [DE/DE];
Friedrich-Ebert-Str. 475, 42117 Wuppertal (DE).

(72) Inventors: BUSCHMANN, Helmut; Sperberweg 15,
52076 Aachen (DE). GOLDNER, Thomas; Im Holz 7,
42553 Velbert (DE). CERON BERTRAN, Jordi Carles;
Av. Del Tarragones, 15, 43761 La Pobla de Montornès (ES).

(74) Agent: KILGER, Ute; BOEHMERT & BOEHMERT,
Anwaltspartnerschaft mbB, Hollerallee 32, 28209 Bremen
(DE).

(81) Designated States (unless otherwise indicated, for every
kind of national protection available): AE, AG, AL, AM,
AO, AT, AU, AZ, BA, BB, BG, BH, BN, BR, BW, BY, BZ,
CA, CH, CL, CN, CO, CR, CU, CZ, DE, DJ, DK, DM, DO,
DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, GT, HN,
HR, HU, ID, IL, IN, IR, IS, IT, 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) Designated States (unless otherwise indicated, for every
kind of regional protection available): ARIPO (BW, GH,
GM, KE, LR, LS, MW, MZ, NA, RW, SD, SL, ST, SZ, TZ,
UG, ZM, ZW), Eurasian (AM, AZ, BY, KG, KZ, RU, TJ,
TM), European (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).

Published:

— with international search report (Art. 21(3))

(54) Title: SODIUM 2-[(4S)-8-FLUORO-2-[4-(3-METHOXYPHENYL)PIPERAZIN-1-YL]-3-[2-METHOXY-5-(TRIFLUOROMETHYL)PHENYL]-4H-QUINAZOLIN-4-YL]ACETATE MONOHYDRATE, ITS PREPARATION AND USE

(57) Abstract: The present invention relates to the novel 3,4-dihydroquinazoline sodium 2-[(4S)-8-fluoro- 2-[4-(3-methoxyphenyl)piperazin-1-yl]-3-[2-methoxy-5-(trifluoromethyl)phenyl]-4H- quinazolin-4-yl]acetate monohydrate, methods of its preparation as well as pharmaceutical compositions containing said 3,4-dihydroquinazoline. Said compound is particularly useful for treatment and prevention of diseases associated with cytomegalovirus (CMV), particularly human cytomegalovirus (HCMV).



WO 2021/170879 A1