

(12) International Application Status Report

Received at International Bureau: 13 January 2018 (13.01.2018)

Information valid as of: 25 January 2019 (25.01.2019)

Report generated on: 21 March 2019 (21.03.2019)

(10) Publication number:

WO2018/122419

(43) Publication date:

05 July 2018 (05.07.2018)

(26) Publication language:

English (EN)

(21) Application Number:

PCT/EP2018/050085

(22) Filing Date:

02 January 2018 (02.01.2018)

(25) Filing language:

English (EN)

(31) Priority number(s):

16207029.6 (EP)

(31) Priority date(s):

27 December 2016 (27.12.2016)

(31) Priority status:

Priority document received (in compliance with PCT Rule 17.1)

62/499,528 (US)

30 January 2017 (30.01.2017)

Priority document received (in compliance with PCT Rule 17.1)

(51) International Patent Classification:

C07K 5/11 (2006.01); **C07D 241/04** (2006.01); **C07K 5/113** (2006.01); **C07K 7/06** (2006.01); **C07K 5/103** (2006.01); **C07K 5/117** (2006.01); **C07K 5/078** (2006.01); **C07K 5/02** (2006.01); **C07K 5/093** (2006.01); **A61P 7/02** (2006.01); **A61P 1/00** (2006.01)

(71) Applicant(s):

ZEDIRA GMBH [DE/DE]; Roesslerstrasse 83 64293 Darmstadt (DE) *(for all designated states)*

(72) Inventor(s):

HILS, Martin; Ingelheimerstr. 9b 64295 Darmstadt (DE)

PASTERNAK, Ralf; Jahnstr. 6 64347 Griesheim (DE)

BÜCHOLD, Christian; Erich-Kästner-Str. 68 61184 Karben (DE)

(74) Agent(s):

ARTH, Hans-Lothar; ABK Patent Attorneys Jasminweg 9 14052 Berlin (DE)

(54) Title (EN): INHIBITORS OF TRANSGLUTAMINASES

(54) Title (FR): INHIBITEURS DE TRANSGLUTAMINASES

(57) Abstract:

(EN): The invention relates to the compound of general formula (I) as novel inhibitors of transglutaminases, to methods for producing the inventive compounds, to pharmaceutical compositions containing said inventive compounds and to their use for the prophylaxis and treatment of diseases associated with transglutaminases.

(FR): L'invention concerne le composé de formule générale (I) en tant que nouveaux inhibiteurs de transglutaminases, des procédés de production des composés de l'invention, des compositions pharmaceutiques contenant lesdits composés de l'invention et leur utilisation pour la prophylaxie et le traitement de maladies associées à des transglutaminases.

International search report:

Received at International Bureau: 04 April 2018 (04.04.2018) [EP]

International Report on Patentability (IPRP) Chapter II of the PCT:

Not available

(81) Designated States:

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, 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, SM, ST, SV, SY, TH, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, ZA, ZM, ZW

European Patent Office (EPO) : 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

African Intellectual Property Organization (OAPI) : BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, KM, ML, MR, NE, SN, TD, TG

African Regional Intellectual Property Organization (ARIPO) : BW, GH, GM, KE, LR, LS, MW, MZ, NA, RW, SD, SL, ST, SZ, TZ, UG, ZM, ZW

Eurasian Patent Organization (EAPO) : AM, AZ, BY, KG, KZ, RU, TJ, TM