

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

(19) World Intellectual Property
Organization

International Bureau

(43) International Publication Date
15 May 2025 (15.05.2025)



(10) International Publication Number
WO 2025/099187 A1

(51) International Patent Classification:

A61K 31/18 (2006.01) *A61K 31/52* (2006.01)
A61K 31/275 (2006.01) *A61K 31/635* (2006.01)
A61K 31/352 (2006.01) *A61K 45/06* (2006.01)
A61K 31/42 (2006.01) *A61P 1/04* (2006.01)
A61K 31/4418 (2006.01) *A61P 19/02* (2006.01)
A61K 31/445 (2006.01) *A61P 29/00* (2006.01)
A61K 31/519 (2006.01) *A61P 37/00* (2006.01)

(21) International Application Number:

PCT/EP2024/081568

(22) International Filing Date:

07 November 2024 (07.11.2024)

(25) Filing Language:

English

(26) Publication Language:

English

(30) Priority Data:

2317050.9 07 November 2023 (07.11.2023) GB

(71) Applicant: **ISTESSO 2 LTD** [GB/GB]; 3 Pancras Square,
London N1C 4AG (GB).

(72) Inventors: **PATEL, Lisa**; Istesso Ltd, 3 Pancras Square,
London N1C 4AG (GB). **FOSTER, Martyn Leslie**; 45
Hope Road, Benfleet Essex SS7 5JQ (GB).

(74) Agent: **MEWBURN ELLIS LLP**; Aurora Building, Coun-
terslip, Bristol BS1 6BX (GB).

(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, 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, MG, MK, MN, MU, 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, CV,
GH, GM, KE, LR, LS, MW, MZ, NA, RW, SC, 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, ME, 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).

Declarations under Rule 4.17:

— of inventorship (Rule 4.17(iv))

Published:

— with international search report (Art. 21(3))
— before the expiration of the time limit for amending the
claims and to be republished in the event of receipt of
amendments (Rule 48.2(h))
— with sequence listing part of description (Rule 5.2(a))
— in black and white; the international application as filed
contained color or greyscale and is available for download
from PATENTSCOPE

(54) Title: DISEASE MODIFYING ANTI-RHEUMATIC DRUG COMBINATION THERAPIES

(57) Abstract: The invention provides combination therapies comprising disease modifying anti-rheumatic drugs and mitochondrial complex I modulator (MCIM) compounds, which find utility in the medical field of inflammatory and progressive disorders, for example autoimmune diseases such as arthritis.

WO 2025/099187 A1