

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

(19) World Intellectual Property
Organization
International Bureau



(10) International Publication Number
WO 2022/047004 A1

(43) International Publication Date
03 March 2022 (03.03.2022)

(51) International Patent Classification:

A61K 31/135 (2006.01) A61P 9/00 (2006.01)
A61K 31/513 (2006.01) A61P 9/04 (2006.01)

(21) International Application Number:

PCT/US2021/047711

(22) International Filing Date:

26 August 2021 (26.08.2021)

(25) Filing Language: English

(26) Publication Language: English

(30) Priority Data:

63/072,094 28 August 2020 (28.08.2020) US

(71) Applicant: **MYOKARDIA, INC.** [US/US]; 1000 Sierra Point Parkway, Brisbane, CA 94005 (US).

(72) Inventors: **SEHNERT, Amy**; 1000 Sierra Point Parkway, Brisbane, CA 94005 (US). **EDELBERG, Jay M.**; 1000 Sierra Point Parkway, Brisbane, CA 94005 (US).

(74) Agent: **CHIPOURAS, Andrew, S.**; Honigman LLP, 650 Trade Centre Way, Suite 200, Kalamazoo, MI 49002 (US).

(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: METHODS OF TREATMENT WITH MYOSIN MODULATOR

(57) Abstract: Methods of treatment comprising administering a therapeutically effective amount of a myosin modulator or a pharmaceutically acceptable salt thereof to a subject in need thereof and diagnostic methods useful in connection with those treatments are disclosed herein. Treatments performed in the absence of beta blocker therapy or with reduced beta blocker therapy are also disclosed.



WO 2022/047004 A1