

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

(19) World Intellectual Property
Organization
International Bureau



(10) International Publication Number
WO 2020/097158 A1

(43) International Publication Date
14 May 2020 (14.05.2020)

(51) International Patent Classification:

C07D 217/02 (2006.01) C07D 405/06 (2006.01)
C07D 217/24 (2006.01)

(21) International Application Number:

PCT/US2019/059992

(22) International Filing Date:

06 November 2019 (06.11.2019)

(25) Filing Language: English

(26) Publication Language: English

(30) Priority Data:

62/756,202 06 November 2018 (06.11.2018) US

(71) Applicant: **CERVELLO THERAPEUTICS, LLC**
[US/US]; 325 Technology Drive, Malvern, PA 19355 (US).

(72) Inventors: **LEE, Matthew, Randolph**; 912 Crest Road,
Del Mar, CA 92014 (US). **VARANO, Anthony, Joseph**;
947 Contention Lane, Berwyn, PA 19312 (US).

(74) Agent: **POLYAKOV, Mark, V.** et al.; Wood, Phillips,
Katz, Clark & Mortimer, 500 West Madison Street, Suite
1130, Chicago, IL 60661 (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, 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.

(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))
- 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))

(54) Title: ROCK KINASE INHIBITORS

(57) Abstract: The present invention relates to compounds that inhibit ROCK activity. In particular, the present invention relates to compounds, pharmaceutical compositions and methods of use, such as methods of inhibiting ROCK activity and methods for treating, for example cerebral cavernous malformation syndrome (CCM) and cardiovascular diseases using the compounds and pharmaceutical compositions of the present invention.

WO 2020/097158 A1