

(51) International Patent Classification:
C07D 403/02 (2006.01)(21) International Application Number:
PCT/US2015/047396(22) International Filing Date:
28 August 2015 (28.08.2015)

(25) Filing Language: English

(26) Publication Language: English

(30) Priority Data:
62/043,644 29 August 2014 (29.08.2014) US(71) Applicant: CHDI FOUNDATION, INC. [US/US]; 350
Seventh Avenue, Suite 200, New York, NY 10001 (US).

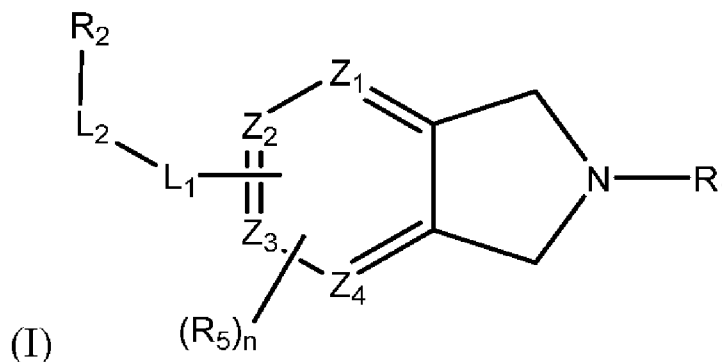
(72) Inventors; and

(71) Applicants : DOMINGUEZ, Celia [US/US]; 8606 Allen-
wood Road, Los Angeles, CA 90046 (US). WITYAK,
John [US/US]; 3377 Avenida Nieve, Carlsbad, CA 92009
(US). BARD, Jonathan [US/US]; c/o CHDI Foundation,
Inc., 350 Seventh Avenue, Suite 200, New York, NY
10001 (US). BROWN, Christopher, John [GB/GB]; 9
Brook Street, Sutton Courtenay, Abingdon, Oxfordshire
OX14 4AH (GB). KRÜLLE, Thomas, Martin [DE/GB];
12 Berry Close, Oxford, Oxfordshire OX4 6NB (GB).
CLARK-FREW, Daniel [GB/GB]; 1 Kelly House, Let-
combe Regis Wantage, Oxfordshire OX12 9JS (GB).
HAYES, Sarah [GB/GB]; 73 Penlon Place, Abingdon,
Oxfordshire OX14 3HG (GB). SCHAERTL, Sabine
[DE/DE]; Morgenröteweg 15, 22547 Hamburg (DE).
HERRMANN, Frank [DE/DE]; Eichenstrasse 34, 20255
Hamburg (DE). GRIMM, Steffen, Kaspar [DE/DE]; AlteLandstrasse 242, 22391 Hamburg (DE). KAHMANN,
Jan, Dirk [DE/DE]; Kohfurther 36c, 22850 Norderstedt
(DE). SCHEICH, Christoph [DE/DE]; Timmweg 11,
22415 Hamburg (DE).(74) Agent: STEVENS, Lauren, L.; Global Patent Group,
LLC, 1005 N. Warson Road, Suite 404, St. Louis, MO
63132 (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, DK, DM,
DO, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, GT,
HN, HR, HU, ID, IL, IN, IR, IS, JP, KE, KG, KN, KP, KR,
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))

(54) Title: PROBES FOR IMAGING HUNTINGTIN PROTEIN



(57) Abstract: Provided are imaging agents comprising a compound of Formula I, or a pharmaceutically acceptable salt thereof, and methods of their use.